CTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants:

Daniel A. Henderson

Attorney Docket:

3052/117

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Date Filed:

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**Examiner Name:** 

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Invention:

METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

### LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

### **US PATENT DOCUMENTS**

Exam Init	Ref Num	Doc Num	Issue Date	Inventor	Class/ Subclass
OA	AA	4065642	Dec., 1977	McClure	179/18.
0A	HAAA/ AD	4072824	Feb. 7, 1978	Phillips	179/18.
OA		4087638	May., 1978	Hayes et al.	179/2.
OA	HAAC/ AK	4103107	Jul. 25, 1978	D'Amico et al.	179/2.
OA		4117542	Sep., 1978	Klausner et al.	364/900.
0/		4126768	Nov., 1978	Grenzow	179/90.
OA	HAAD/ ES	4172969	Oct. 31, 1979	Levine et al.	179/2.
0/4		4178475	Dec., 1979	Taylor et al.	179/2.
OA		4178476	Dec., 1979	Frost	179/2.
0/1		4263480	Apr., 1981	Levine	179/2.
UA		4266098	May., 1981	Novak	179/5.
01		4304968	Dec., 1981	Klausner et al.	179/6.
OR	BA	4313035	Jan., 1982	Jordan et al.	179/18.
ON.		4336524	Jun., 1982	Levine	340/311.
OA		4356519	Oct., 1982	Cogdell, Jr.	360/61.
DA		4368989	Jan., 1983	Kawashima	368/74.
ÛA		4378551	Mar., 1983	Drapac	340/311.
O.V.		4388000	Jun., 1983	Hagihara	368/72.
O A	HAAE	4408099	Oct. 4, 1983	Ishii	179/2.
UΑ	<u></u>	4424514	Jan., 1984	Fennell et al.	340/825.
OA		4427848	Jan., 1984	Tsakanikas	179/2.
OA		4427980	Jan., 1984	Fennell et al.	340/825.
OV		4438433	Mar., 1984	Smoot et al.	340/825.
01	,	4477807	Oct., 1984	Nakajima et al.	340/825.
UA	EA	4490579	Dec., 1984	Godoshian	179/2.

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Init					Subclass
04		4600809	Jul., 1986	Tatsumi et al.	179/2.
OA		4608460	Aug., 1986	Carter et al.	179/6.
OA		4618860	Oct., 1986	Mori	340/825.
OA		4625081	Nov., 1986	Lotito et al.	379/88.
OA		4639225	Jan., 1987	Washizuka	434/308.
OA	]	4644351	Feb., 1987	Zabarky et al.	340/825.
OK		4654718	Mar., 1987	Sueyoshi	358/257.
OA:		4661972	Apr., 1987	Kai	379/57.
O.A.		4680785	Jul., 1987	Akiyama et al.	379/57.
0.A.		4682148	Jul., 1987	Ichikawa et al.	340/311.
OA		4692742	Sep., 1987	Raizen et al.	340/539.
OA		4704608	Nov., 1987	Sato et al.	340/825.
OA.		4706272	Nov., 1987	Nishimura et al.	379/57.
O.A	EB	4716583	Dec., 1987	Groner et al.	379/88.
OA	DK	4720848	Jan., 1988	Akiyama	379/88.
OA.	AF	4737979	Apr., 1988	Hashimoto	379/82.
0.A	DL	<u>4742516</u>	May., 1988	Yamaguchi	370/94.
0.A.		4747122	May., 1988	Bhagat et al.	379/57.
O'A		4754473	Jun., 1988	Edwards	379/58.
0.V.	•	4766434	Aug., 1988	Matai et al.	340/825.
0.V		4775999	Oct., 1988	Williams	379/59.
OA.		<u>4776005</u>	Oct., 1988	Petriccione et al.	379/142.
O'A:		4779138	Oct., 1988	Nomura et al.	358/236.
OA		4796291	Jan., 1989	Makino	358/58.
0.A.		4800582	Jan., 1989	D'Agosto, III et al.	379/216.
OA.		4802200	Jan., 1989	Murata et al.	379/61.
OA.		4803726	Feb., 1989	Levine et al.	380/48.
O'A'		4806906	Feb., 1989	Oda et al.	340/311.
0.A.	HAAF	4811379	Mar. 7, 1989	Grandfield	379/57.
OA.		<u>4812743</u>	Mar., 1989	Champion, III et al.	340/905.
$O_{\Lambda}$	<u> </u>	4814763	Mar., 1989	Nelson et al.	340/825.

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Init	•				Subclass
OA	AE	4821308	Apr., 1989	Hashimoto	379/57.
OA	DH	4868560	Sep., 1989	Oliwa et al.	340/825.
OA-		4868561	Sep., 1989	Davis	340/825.
OA	EQ	<u>4868860</u>	Sep., 1989	Anddros et al.	379/57.
AC	FAAC	4872005	Oct., 1989	DeLuca et al.	340/825.
OA	DI	4873520	Oct., 1989	Fisch et al.	340/825.
OA:	DN	<u>4873719</u>	Oct., 1989	Reese	379/215.
OA	BE	4878051	Oct., 1989	Andros et al.	340/825.
0.1		4882579	Nov., 1989	Siwiak	340/825.
0.1		4882744	Nov., 1989	Hashimoto	379/57.
OA.	EZ	4882750	Nov., 1989	Henderson et al.	379/355.
0.4.		4885577	Dec., 1989	Nelson	340/825.
OA.		4893335	Jan., 1990	Fuller et al.	379/200.
01.		4897835	Jan., 1990	Gaskill et al.	340/825.
DA.	EW	4899358	Feb., 1990	Blakley	379/67.
0.A.		4914691	Apr., 1990	Berger	379/357.
OA.	HAAH/ BB	4918721	Apr. 17, 1990	Hashimoto	379/96.
OA:		4922221	May., 1990	Sato et al.	340/311.
O'A'	BT	4924496	May., 1990	Figa et al.	379/142.
OA.	HAAI/ HAAJ	<u>4940963</u>	Jul. 10, 1990	Gutman et al.	340/313.
6.A.		<u>4941167</u>	Jul., 1990	Cannalte et al.	379/67.
011	BI	4942598	Jul., 1990	Davis	379/57.
0/		4951043	Aug., 1990	Minami	340/825.
OA	AB	4961216	Oct., 1990	Baehr et al.	379/57.
OiA:	DS	4962377	Oct., 1990	Wallace et al.	340/825.
O'A	DG	4965569	Oct., 1990	Bennett et al.	340/825.440
0.0		4975683	Dec., 1990	Davis et al.	340/825.
OV	DT	4975693	Dec., 1990	Davis et al.	340/825.
0/4	AH	4985913	Jan., 1991	Shalom et al.	379/76.
07		4994797	Feb., 1991	Breeden	379/857.
OA-		<u>4996707</u>	Feb., 1991	O'Malley et al.	379/100.

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Init	1.				Subclass
AO	СВ	<u>5014296</u>	May., 1991	Saigano	379/67.
I OA	DU	5043721	Aug., 1991	May	340/825.
ON		5047764	Sep., 1991	Andros et al.	340/311.
OA		5049874	Sep., 1991	Ishida et al.	340/825.
OA	BR	5063588	Nov., 1991	Patsiokas et al.	379/57.
OA		<u>5066949</u>	Nov., 1991	Breeden et al.	340/825.
OA	DR	<u>5073767</u>	Dec., 1991	Holmes et al.	340/311.
OA	DQ	<u>5075684</u>	Dec., 1991	DeLuca	340/825.
AO		5093659	Mar., 1992	Yamada	340/825.
6A	DM	5095307	Mar., 1992	Shimura et al.	340/825.
OA	DZ	5099507	Mar., 1992	Mukai et al.	379/57.
OA	DW	5117449	May., 1992	Metroka et al.	379/58.
OA	HAAK	5124697	Jun. 23, 1992	Moore	340/825.
OA-		5127040	Jun., 1992	D'Avello et al.	379/58.
0-A.	Al	5128980	Jul., 1992	Choi	379/56.
OA.		5128981	Jul., 1992	Tsukamoto et al.	379/58.
OA	AACV	5134645	Jul., 1992	Berken et al.	379/58.
OA.		5144654	Sep., 1992	Kelley et al.	379/356.
		5146493	Sep., 1992	Kiguchi et al.	379/357.
84		5148469	Sep., 1992	Price	379/57.
0.A.	DV	<u>5148473</u>	Sep., 1992	Freeland et al.	379/59.
DA.	EC	<u>5151929</u>	Sep., 1992	Wolf	379/57.
OA	AJ	5151930	Sep., 1992	Hagi	379/57.
OA:	DJ	5153579	Oct., 1992	Fisch et al.	340/825.
OAr	AK	5159624	Oct., 1992	Makita	379/57.
O'A.	DO	5161181	Nov., 1992	Zwick	379/67.
OA.		5166973	Nov., 1992	Hoff	379/57.
DA		5175875	Dec., 1992	Yokaya et al.	455/89.
S.A.		5182553	Jan., 1993	Kung	340/825.
O'A'		5195130	Mar., 1993	Weiss et al.	379/98.
OF		5206637	Apr., 1993	Warren	340/825.
014.	EÉ	5208849	May., 1993	Fu	.379/70.

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Init					Subclass
OA	BX	<u>5208850</u>	May., 1993	Kino	379/88.
OA	DX	5212721	May., 1993	DeLuca et al.	379/57.
OA	ET	5224150	Jun., 1993	Neustein	379/57.
OA.	FAAB/	5225826	Jul., 1993	Deluca et al.	340/825.
1 2.	AAPP			Deluca et al.	
OA		<u>5228073</u>	Jul., 1993	Smith	379/57.
OA		<u>5251250</u>	Oct., 1993	Obata et al.	340/825.
OA		<u>5252964</u>	Oct., 1993	Tan et al.	340/825.
DA.	CS	<u>5258751</u>	Nov., 1993	Deluca et al.	340/825.
ΘA		5272465	Dec., 1993	Meares, Jr.	340/539.
OA	,	5274454	Dec., 1993	Higgins, Jr.	358/186.
0.4.	BF	5274699	Dec., 1993	Ranz	379/142.
OA-		<u>5276731</u>	Jan., 1994	Arbel et al.	379/88.
OA.	CD	<u>5278889</u>	Jan., 1994	Papanicolaou	379/53.
04	BY	5278894	Jan., 1994	Shaw	379/67.
OA-	DY	5280516	Jan., 1994	Jang	379/57.
OA:		5280521	Jan., 1994	Itoh	379/58.
1	CG	5000040		Klausner et	270/67
OA		<u>5283818</u>	Feb., 1994	al.	379/67.
OA OA	BZ	5283824	Feb., 1994	Shaw	379/142:
07	DB	5285493	Feb., 1994	Wagai et al.	379/58.
OA:	AP	5285496	Feb., 1994	Frank et al.	380/9.
MO	AAAU	5289528	Feb., 1994	Ueno et al.	379/67.
04A.	DA	5289530	Feb., 1994	Reese	379/88.
0.A.	AACQ	5307399	Apr., 1994	Dai et al	379/57.
0.1	AACO	5311570	May., 1994	Grimes et al.	379/57.
0.4	AACM	5315636	May., 1994	Patel	379/58.
0.4	AABP	5315642	May., 1994	Fernandez	379/52.
0.14.	AAAZ	5317621	May., 1994	Shibayama	379/57.
07		5321742	Jun., 1994	Stevens	379/103.
Δ<Δ.		5222449	lua 4004	Olazabal et	2401025
O.A.		<u>5323148</u>	Jun., 1994	al.	340/825.
O·A.	ED	5327480	Jul., 1994	Breeden	379/57.
0.4	AL	5327486	Jul., 1994	Wolff et al.	379/96.
1 1	AACN	5329578	Jul., 1994	Brennan et	379/67.
OA-				al.	31801.
L0#\-	CC	5333179	Jul., 1994	Yamamoto et	379/67.

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^				al.		
OA	HAAL	5341411	Aug. 23, 1994	Hashimoto	379/67.	7
O/F	AC	5341414	Aug., 1994	Popke	379/142.	$\neg$
074	BJ	5343516	Aug., 1994	Callele et al.	379/98.	
ON	AABK	5349636	Sep., 1994	Irrabarren	379/89.	
-AO	CA	5349638	Sep., 1994	Pitroda et al.	379/142.	
O.A.	AACS	<u>5384831</u>	Jan., 1995	Creswell et al.	379/67.	
O.A.	AADB	5388150	Feb., 1995	Schneyer et al.	379/67.	
O.A.	FAAD	5390236	Feb., 1995	Klausner et al.	379/67.	
o.A.	CE	5390362	Feb., 1995	Modjeska et al.	379/57.	
AO	AAAY	5392452	Feb., 1995	Davis	455/38.	_
OA	AABA	5402466	Mar., 1995	Delahanty	379/44.	٦.
ÔΛ	AABD	5404400	Apr., 1995	Hamilton	379/386.	
ο'n.	AABC	5412719	May., 1995	Hamamoto et al.	380/9.	
O:A·	AABE	<u>5418835</u>	May., 1995	Frohman et al.	379/57.	
_0A_	AADD	5426426	Jun., 1995	Hymei	340/825.	
0.A.	AACX	<u>5428823</u>	Jun., 1995	Ness-Cohn et al.	455/54.	
OA	AADH	<u>5430439</u>	Jul., 1995	Bodet et al.	340/825.	
0%-	AAAV	5448627	Sep., 1995	Ueno et al.	379/67.	
04	AACZ	5448632	Sep., 1995	lyob et al.	379/201.	
0.A.	AABO	5454029	Sep., 1995	Noda	379/88.	
0-A-	AADE	<u>5459458</u>	Oct., 1995	Richardson et al.	340/825.	
OA^	AADG	5459773	Oct., 1995	Hwang	379/57.	
OF	AAAT	<u>5467385</u>	Nov., 1995	Reuben et al.	379/67.	
0-A.	AABN	<u>5469491</u>	Nov., 1995	Moriey, Jr. et al.	379/88.	
OA.	AABJ	5473667	Dec., 1995	Neustein	379/57.	
0'A:	AABM	5475738	Dec., 1995	Penzias	379/67.	
OH.	AAAX	5483580	Jan., 1996	Brandman et	379/88.	

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Init		·			Subclass
				al.	
OA	AAAS	<u>5502761</u>	Mar., 1996	Duncan et al.	379/142.
DA	AABI	<u>5506891</u>	Apr., 1996	Brown	379/97.
O/A	AADC	5509053	Apr., 1996	Gowda et al.	379/63.
O/A	AABB	<u>5517557</u>	May., 1996	Tanaka	379/67.
0A 0A 0A	AABS	5524137	Jun., 1996	Rhee	379/67.
OA	AABF	5524140	Jun., 1996	Klausner et al.	379/67.
O.A.	AABL	<u>5530740</u>	Jun., 1996	Irribarren et al.	379/89.
OA:	AABQ	5533095	Jul., 1996	Kikuchi	379/57.
OA	AACT	<u>5535257</u>	Jul., 1996	Goldberg et al.	379/57.
O /A	AADF	5546447	Aug., 1996	Skarbo et al.	379/142.
OA"	AACP	<u>5548636</u>	Aug., 1996	Bannister et al.	379/201.
οA	AABR	<u>5548814</u>	Aug., 1996	Lorang et al.	455/38.
OA	AACU	5557605	Sep., 1996	Grupe et al.	370/29.
OA	AACR	5559859	Sep., 1996	Dai et al.	379/51.
OA	AABH	5561702	Oct., 1996	Lipp et al.	379/57.
OA	AABG	<u>5572576</u>	Nov., 1996	Klausner et al.	379/67.
OA	AAAW	5579377	Nov., 1996	Rogers	379/74.
OA	AACW	<u>5581594</u>	Dec., 1996	McAfee	379/57.
04.	AACY	5581803	Dec., 1996	Grube et al.	455/54.
0.A.	AADA	5588037	Dec., 1996	Fuller et al.	379/57.
OA:	DDOR	4811382	3/7/1989	Sleevi	379/57
0.V	AAOA	4894861	1/16/1990	Fujioka	379/374
Α`:	AAOB	4922490	5/1/1990	Blakley	370/110.1
0-4,	AAOC	5007076	4/9/1991	Blakley	379/67
OSA.	AAOD	5220599	1/15/1993	Sasano et al.	379/142
OAL	AAOE	5757279	5/26/1998	Fujiwara	340/825.44
04-	AAOF	5430436	7/4/1995	Fennell	340/825.44
MA.	AAOG	5638540	6/10/1997	Aldous	395/750
OA	AAOH	6067349	5/23/2000	Suder et al.	379/88.19
071	AAOI	5594952	1/14/1997	Virtuoso et al.	455/89
OF	AAOJ	5337044	8/9/1994	Folger et al.	340/825.44

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Init_			L		Subclass
OA	AAOK	5444869	8/22/1995	Stricklin et al.	455/89
OA	AAOL	5432841	7/11/1995	Rimer	379/59
OA	AAOM	5302947	4/12/1994	Fuller et al.	340/825.34
OA:	AAON	5510778	4/23/1996	Krieter et al.	340/825.44
OA:	AAOO	5654942	8/5/1997	Akahane	369/2
OA'	AAOP	5363429	11/4/1994	Fujisawa	379/58
OA.	AAOQ	5479475	12/26/1995	Grob et al.	379/58
OA.	AAOR	5689440	11/18/1997	Leitch et al.	364/512
OA	AAOS	5784444	Jul. 21, 1998	Snyder et al.	379/142
OA	AAOT	5903628	May 5, 1999	Brennan	379/88.21
OA.	AAOU	5905778	May 18, 1999	Tatchell et al.	379/88.04
QA.	AAOV	5881134	Mar. 9, 1999	Foster et al.	379/88
OA:	AAOW	5850435	Dec. 15, 1998	Devillier	379/374
OA	AAOX	5848142	Dec. 8, 1998	Yaker	379/215
OrA:	AAOY	5832435	Nov. 3, 1998	Silverman	704/260
0/1	AAOZ	5822727	Oct. 13, 1998	Garberg et al.	701/243
OA.	DDOS	4985918	Jan. 15, 1991	Tanaka et al.	379/356
O.A.	DDOT	5077786	Dec. 31, 1991	Hashimoto	379/100
O'A'	DDOU	5146217	Sep. 8, 1992	Holmes	340/825.22
O-A	FAAA	5046079	Sep. 3, 1991	Hashimoto	379/53
UA.	AANO	6192254	Feb. 20, 2001	Carlsen et al.	455/552
Y.A.	AANS	5371781	Dec. 6, 1994	Ardon	379/59
A.C	AAQA	5057676	Oct. 15, 1991	Komaki	235/375
()A:	AAQB	5115233	May 19, 1992	Zdunek et al.	340/825.440
()=A	AAQC	5239577	Aug. 24, 1993	Bates et al.	379/201
O-A	AAQD	5142279	Aug. 25, 1992	Jasinski et al.	340/825.44
O'AF	AAQE	5153582	Oct. 6, 1992	Davis	340/825.44
O.A.	AAQF	5222125	Jun. 22, 1993	Creswell et al.	379/67
0.A.	AAQG	5189632	Feb. 23, 1993	Paajanen et al	364/705.05
O'A-	AAQH	5384910	Jan. 24, 1995	Torres	395/156
0-A-	AAQI	5241305	Aug. 31, 1993	Fascenda et al.	340/825.44
0.1	AAQJ	4962545	Oct. 9, 1990	Klaczak et al.	455/200
0:A-	AAQK	4582956	Apr. 15, 1986	Doughty	179/2
J-A.	AAQL	5909647	Jun. 1, 1999	Hashimoto et	455/412
- 11					<del></del>

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OH				al.	
00	AAQM	5584070	Dec. 10, 1996	Harris et al.	455/346
OA.	AAQN	5583564	Dec. 10, 1996	Rao et al.	348/14
OFF	AAQO	5627875	May 6, 1997	Kapsales	379/57
OA-	AAQP	5588038	Dec. 24, 1996	Snyder	379/57
0·A.	AAQQ	5121423	Jun. 9, 1992	Morihiro et al.	379/142
OA.	AAQS	H1772	1/5/1999	Akahane	340/825.22
Off.	AAQU	5465401	Nov. 7, 1995	Thompson	455/89
0.V-	AAQV	5978451	Nov. 2,1999	Swan et al.	379/88.25
0.A.	AAQW	6226367 B1	May 1, 2001	Smith et al.	379/142
0.V.	AAQY	6198916 B1	Mar. 6, 2001	Martin	455/413
0.4.	AAQZ	6169904 B1	Jan. 2, 2001	Ayala et al.	455/461
04	AARA	5966652	Oct. 12, 1999	Coad et al.	455/412
OXT	AARB	5841850	Nov. 24, 1998	Fan	379/142
0.4	AARC	5604790	Feb. 18, 1997	Grimes	379/67
04	AARD	5651055	Jul. 22, 1997	Argade	379/88
0°75	AARE	6085079	Jul. 4, 2000	Tabeta	455/403
0.4	AARF	6134310	Oct. 17, 2000	Swan et al.	379/188
0.A.	AARG	6226379 B1	May 1, 2001	Swan et al.	379/373
011	AARH	6134320	Oct. 17, 2000	Swan et al.	379/372
OA	AARI	5422942	Jun. 6, 1995	Kakwashima	379/212
OA:	AARJ	5631950	May 20, 1997	Brown	379/67
0.A.	AARK	5894595	Apr. 13, 1999	Foladare et al.	H04Q 7/20
OV.	AARL	4197526	Apr. 8, 1980	Levine et al.	H04M 11/02
OA-	AARM	RE 31789	11/1/1985	Hashimoto	H04M 15/06
OA-	AARN	4551581	Nov. 5, 1985	Doughty	H04M 11/00
Ofr	AARO	5717741	Feb. 10, 1998	Yue et al.	H04M 3/50
0.A.	AARP	5742905	Apr. 21, 1998	Pepe et al.	H04Q 7/20
O.A.	AARQ	5090051	Feb. 18, 1992	Muppidi et al	H04M 11/00
O.A.	AARR	5559860	Sep. 24, 1996	Mizikovsky	H04Q 7/20
GA.	AARS	5206900	Apr. 27, 1993	Callele	H04M 1/64

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METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

Exam Init	Ref Num	Doc Num	Issue Date	Inventor	Class/ Subclass
OA		B1			
UA	AART	5428663	Jun. 27, 1995	Grimes et al.	H04M 11/00
OA	AARU	5857013	Jan. 5, 1999	Yue et al.	H04M 1/64
AD	AARV	5764747	Jun. 9, 1998	Yue et al	H04M 3/54
ŎΑ	ABFA	6278862	Aug. 21, 2001	Henderson	455/31.1
OA	ABFB	5857016	Jan. 5, 1999	Jedlicka	379/142
OA:	ABFB	5526411	Jun. 11, 1996	Krieter	379/110
OA	ABFC	5727052	Mar. 10, 1998	Sizer, II et al.	379/142
OA.	ABFC	D350345	9/6/1994	Lindeman et al.	455/90
OA:	ABFD	5727053	Mar. 10, 1998	Sizer, II et al.	379/142
J.A.	ABFE	5615252	Mar. 25, 1997	Sizer, II et al.	379/142
0-A.	ABFE/ DDRP	5422656	Jun. 6, 1995	Allard et al.	345/173
0-1	ABFG	5878354	Mar. 2, 1999	Hasegawa	455/567
OA,	ABFH	5715524	Feb. 3, 1998	Jambhekar et al	455/90
OA:	ABFM	5602908	Feb. 11, 1997	Fan	379/199
O'A.	ABFI	5630205	May 13, 1997	Ekelund	455/54.1
O.A.	ABGB	5303291	Apr. 12, 1994	Takagi et al.	379/433
O'A'	ABGC	5805981	Sep. 8, 1998	Sugio et al.	455/38.4
O.A.	ABGD	6327478 B1	Dec. 4, 2001	Baker	455/466
OA	ABGE/ DDDG	5625884	Apr. 29, 1997	Gitlin et al.	455/54.1
0.A.	ABGF	5950123	Sep. 7, 1999	Schwelb et al.	455/414
O'A'	ABGG	6169911 B1	Jan. 2, 2001	Wagner et al.	455/566
05/4.	ABGI	5884186	Mar. 16, 1999	Hidaka	455/550
DH:	ABGJ	6049713	Apr. 11, 2000	Tran et al.	455/415
0A-	ABGK	6175741 B1	Jan. 16, 2001	Alperovich	455/458
OAr	ABGU/ AAQX	5907604	May 25, 1999	Hsu	379/142
0.1	DDBG	5579375	Nov. 26, 1996	Ginter	379/59
L 0-17	DDBL	5764731	Jun. 9, 1998	Yablon	379/88

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Init					Subclass
OP	DDDJ	5247700	Sep. 21, 1993	Wohl et al.	455/33.1
ŎA	DDFM	5625673	Apr. 29, 1997	Grewe et al.	379/61
OA	DDNH/ DDRO	5606594	Feb. 25, 1997	Register et al.	379/58
OA ·	DDUH	5701258	Dec. 23, 1997	Harris et al.	364/514
_0/ <del>1</del> ·	DDUJ	5398279	Mar. 14, 1995	Frain	379/140
OAT.	DDVC	5485504	Jan. 16, 1996	Ohnsorge	379/58
OA	DDVJ	5848356	Dec. 8, 1998	Jambheker	455/403
1)A:	DDVK	5414444	May 9, 1995	Britz	345/156
0:A.	DDVN	5559868	Sep. 24, 1996	Blonder	379/93
OA.	DDVO	5745852	Apr. 28, 1998	Khan et al.	455/433
O·A·	ABFJ	4853952	Aug. 1, 1989	Jachmann et al.	379/88~
0.A.	ABFJ	6229878 B1	May 8, 2001	Moganti	379/67.1
AO.	ABFK	5644629	Jul. 1, 1997	Chow	379/142
o.A.	ABFK	6151491	Nov. 21, 2000	Farris et al.	455/412
OA	ABFL	6061560	May 9, 2000	Saboorian et al.	455/415
OA	ABFM	6181928	Jan. 30, 2001	Moon	455/415
OAC	ABFN	6192218 B1	Feb. 20, 2001	Laufmann et al.	455/31.2
0.4-	ABFO/ ABGA	6163691	Dec. 19, 2000	Buettner et al.	455/414
9. H.	ABFP	5561703	Oct. 1, 1996	Arledge et al	379/57
OA	ABFQ/AB GH	5703934	Dec. 30, 1997	Zicker et al	379/61
OH	ABFR	6094574	Jul. 25, 2000	Vance et al.	455/415
O:A	ABFS	5943607	Aug. 24, 1999	Singer	455/31.3
07,	ABFT	5392342	Feb. 21, 1995	Rosenthal	379/211
C)A	ABFU	5929771	Jul 27, 1999.	Gaskill	340/825.44
ist.	ABFV	6266539 B1	Jul. 24, 2001	Pardo	455/556
↑A	ABFW	6282435	Aug. 28, 2001	Wagner et al.	455/566
DA:	ABFX	5577103	Nov. 19, 1996	Foti	379/59
Och	ABFY	5313515	May 17, 1994	Allen et al.	379/59
JA,	ABFZ	6157318	Dec. 5, 2000	Minata	340/825.44
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O/I+         DDDH         5541976         Jul. 30, 1996         Ghisler         379/57           O/A         DDDI         4928302         May 22, 1990         Kaneuchi et al.         379/88           O/A         DDFG         5473316         Dec. 5, 1995         Takaya         340/686           O/A         DDFK         5566226         Oct. 15, 1996         Mizoguchi et al.         379/58           O/A         DDFS         4827520         May 2, 1989         Zeinstra         381/43           O/A         DDNC         5348347         Sep. 20, 1994         Shink         281/31           O/A         DDND         5548477         Aug. 20, 1996         Kumar et al.         361/680           O/A         DDNG         5664013         Sep. 2, 1997         Rossi         379/428           O/A         DDNI         5584054         Dec. 10, 1996         Kumar et al.         455/89D           O/A         DDNI         5584054         Feb. 7, 1995         Takada         340/825           O/A         DDNI         5584054         Feb. 18, 1997         Coonley et al.         340/825           O/A         DDTI         5604491         Feb. 18, 1997         Coonley et al.         379/59	Exam	Ref Num	Doc Num	Issue Date	Inventor	Class/
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ØA         DDFJ         5197092         Mar. 23, 1993         Bamburak         379/59           ØA         DDFK         5566226         Oct. 15, 1996         Mizoguchi et al.         379/58           ØA         DDFS         4827520         May 2, 1989         Zeinstra         381/43           CA         DDNC         5348347         Sep. 20, 1994         Shink         281/31           CA         DDNG         5564073         Sep. 2, 1997         Rossi         361/680           CA         DDNI         5584054         Dec. 10, 1996         Kumar et al.         455/89D           CA         DDNI         5584054         Dec. 10, 1996         Tyneski et al.         455/89D           CA         DDNM         5387904         Feb. 7, 1995         Takada         340/825           CA         DDRB         5473671         Dec. 5, 1995         Partridge, III         379/59           CA         DDPI         5604491         Feb. 18, 1997         Coonley et al.         340/825           CA         DDPI         5604491         Feb. 18, 1997         Coonley et al.         340/825           CA         DDVI         519397         Jun. 2, 1992         Dahlin et al.         379/140 <t< td=""><td>OA</td><td>DDDI</td><td>4928302</td><td>May 22, 1990</td><td></td><td>379/88</td></t<>	OA	DDDI	4928302	May 22, 1990		379/88
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CA         DDNC         5348347         Sep. 20, 1994         Shink         281/31           CA         DDND         5548477         Aug. 20, 1996         Kumar et al.         361/680           CA         DDNG         5664013         Sep. 2, 1997         Rossi         379/428           CA         DDNM         5584054         Dec. 10, 1996         Tyneski et al.         455/89D           CA         DDNM         5387904         Feb. 7, 1995         Takada         340/825           CA         DDBR         5473671         Dec. 5, 1995         Partridge, III         379/59           CA         DDPI         5604491         Feb. 18, 1997         Coonley et al.         340/825           CA         DDTW         5119397         Jun. 2, 1992         Dahlin et al.         375/5           CA         HAAB         4075038         Feb. 21, 1978         Anthony et al.         148/1.5           CA         HAAG         4914649         April 3, 1990         Bhagat et al.         379/50           CA         HAAM         5559862         Sept. 24, 1996         Bhagat et al.         379/57           CA         ABFF         5999810         12/7/1999         Fuentes         455/422 <t< td=""><td></td><td>DDFK</td><td>5566226</td><td>Oct. 15, 1996</td><td>_</td><td>379/58</td></t<>		DDFK	5566226	Oct. 15, 1996	_	379/58
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OA         DDND         5548477         Aug. 20, 1996         Kumar et al.         361/680           OA         DDNG         5664013         Sep. 2, 1997         Rossi         379/428           OA         DDNI         5584054         Dec. 10, 1996         Tyneski et al.         455/89D           OA         DDNM         5387904         Feb. 7, 1995         Takada         340/825           OA         DDBR         5473671         Dec. 5, 1995         Partridge, III         379/59           OA         DDPI         5604491         Feb. 18, 1997         Coonley et al.         340/825           OA         DDTW         5119397         Jun. 2, 1992         Dahlin et al.         375/5           OA         DDTW         5119397         Jun. 2, 1992         Dahlin et al.         375/5           OA         HAAB         4075038         Feb. 21, 1978         Anthony et al.         148/1.5           OA         HAAB         4075038         Feb. 21, 1978         Anthony et al.         370/50           OA         HAAM         5559862         Sept. 24, 1996         Bhagat et al.         379/58           OA         ABFF         5999810         12/7/1999         Fuentes         455/422	$\triangle$ A	DDNC	5348347	Sep. 20, 1994	Shink	281/31
OA         DDNG         5664013         Sep. 2, 1997         Rossi         379/428           OA         DDNI         5584054         Dec. 10, 1996         Tyneski et al.         455/89D           OA         DDNM         5387904         Feb. 7, 1995         Takada         340/825           OA         DDBR         5473671         Dec. 5, 1995         Partridge, III         379/59           OA         DDPI         5604491         Feb. 18, 1997         Coonley et al.         340/825           OA         DDTW         5119397         Jun. 2, 1992         Dahlin et al.         375/5           OA         EADY         5553125         Sep. 3, 1996         Martensson         379/140           OA         HAAB         4075038         Feb. 21, 1978         Anthony et al.         148/1.5           OA         HAAG         4914649         April 3, 1990         Schwendema n et al.         370/50           OA         HAAN         5559862         Sept. 24, 1996         Bhagat et al.         379/57           OA         ABFF         599810         12/7/1999         Fuentes         455/422           OA         ABFF         6253061         B1         6/21/2001         Helferich         455/31		DDND	5548477		Kumar et al.	361/680
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OA         DDTW         5119397         Jun. 2, 1992         Dahlin et al.         375/5           OA         EADY         5553125         Sep. 3, 1996         Martensson         379/140           OA         HAAB         4075038         Feb. 21, 1978         Anthony et al.         148/1.5           OA         HAAG         4914649         April 3, 1990         Schwendema n et al.         370/50           OA         HAAM         5559862         Sept. 24, 1996         Bhagat et al.         379/57           OA         HAAN         RE33417         Oct. 30, 1990         Bhagat et al.         379/57           OA         ABFF         5999810         12/7/1999         Fuentes         455/422           OA         ABFF         6253061 B1         6/21/2001         Helferich         455/31.2           OA         DDVD/ABFH         5668852         9/16/1997         Holmes         405/31.2           OA         DDNE         6168331 B1         1/2/2001         Vann         400/472           OA         AANA         5692038         11/25/1997         Kraus et al.         379/210           OA         AANB         5937050         8/10/1999         Yue et al.         379/210	OA.	DDPI	5604491			340/825
OA         EADY         5553125         Sep. 3, 1996         Martensson         379/140           OA         HAAB         4075038         Feb. 21, 1978         Anthony et al.         148/1.5           OA         HAAG         4914649         April 3, 1990         Schwendema n et al.         370/50           OA         HAAM         5559862         Sept. 24, 1996         Bhagat et al.         379/57           OA         HAAN         RE33417         Oct. 30, 1990         Bhagat et al.         379/57           OA         ABFF         5999810         12/7/1999         Fuentes         455/422           OA         ABFF         6253061 B1         6/21/2001         Helferich         455/31.2           OA         DDVD/ABFH         5668852         9/16/1997         Holmes         405/31.2           OA         DDNE         6168331 B1         1/2/2001         Vann         400/472           OA         DDOV         5390346         2/14/1995         Marz         455/260           OA         AANA         5692038         11/25/1997         Kraus et al.         379/210           OA         AANB         5937050         8/10/1999         Yue et al.         379/88		DDTW	5119397			<del></del>
OA         HAAG         4914649         April 3, 1990         Schwenderna n et al.         370/50           OA         HAAM         5559862         Sept. 24, 1996         Bhagat et al.         379/58           OA         HAAN         RE33417         Oct. 30, 1990         Bhagat et al.         379/57           OA         ABFF         5999810         12/7/1999         Fuentes         455/422           OA         ABFF         6253061 B1         6/21/2001         Helferich         455/31.2           OA         DDVD/ABFH         5668852 9/16/1997         Holmes         405/31.2           OA         DDNE         6168331 B1         1/2/2001         Vann         400/472           OA         DDOV         5390346 2/14/1995         Marz         455/260           OA         AANA         5692038 11/25/1997         Kraus et al.         379/210           OA         AANB         5937050 8/10/1999         Yue et al.         379/210           OA         AANC         5265145 11/23/1993 LIM         379/88           OA         AANE         4479124 10/23/1984         Rodriquez et al.         340/825.44	UA	EADY	5553125			379/140
OA         HAAG         4914649         April 3, 1990         Schwenderna n et al.         370/50           OA         HAAM         5559862         Sept. 24, 1996         Bhagat et al.         379/58           OA         HAAN         RE33417         Oct. 30, 1990         Bhagat et al.         379/57           OA         ABFF         5999810         12/7/1999         Fuentes         455/422           OA         ABFF         6253061 B1         6/21/2001         Helferich         455/31.2           OA         DDVD/ABFH         5668852 9/16/1997         Holmes         405/31.2           OA         DDNE         6168331 B1         1/2/2001         Vann         400/472           OA         DDOV         5390346 2/14/1995         Marz         455/260           OA         AANA         5692038 11/25/1997         Kraus et al.         379/210           OA         AANB         5937050 8/10/1999         Yue et al.         379/210           OA         AANC         5265145 11/23/1993 LIM         379/88           OA         AANE         4479124 10/23/1984         Rodriquez et al.         340/825.44	OA	HAAB	4075038			148/1.5
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OA         ABFF         5999810         12/7/1999         Fuentes         455/422           OA         ABFF         6253061 B1         6/21/2001         Helferich         455/31.2           OA         DDVD/ ABFH         5668852         9/16/1997         Holmes         405/31.2           OA         DDNE         6168331 B1         1/2/2001         Vann         400/472           OA         DDOV         5390346         2/14/1995         Marz         455/260           OA         AANA         5692038         11/25/1997         Kraus et al.         379/210           OA         AANB         5937050         8/10/1999         Yue et al.         379/88           OA         AAND         6038443         3/14/2000         Luneau         455/415           OA         AANE         4479124         10/23/1984         Rodriquez et al.         340/825.44	OA	HAAN	RE33417	Oct. 30, 1990	Bhagat et al	379/57
OA         DDVD/ ABFH         5668852         9/16/1997         Holmes         405/31.2           OA         DDNE         6168331 B1         1/2/2001         Vann         400/472           OA         DDOV         5390346         2/14/1995         Marz         455/260           OA         AANA         5692038         11/25/1997         Kraus et al.         379/210           OA         AANB         5937050         8/10/1999         Yue et al.         379/88           OA         AANC         5265145         11/23/1993         LIM         379/88           OA         AAND         6038443         3/14/2000         Luneau         455/415           OA         AANE         4479124         10/23/1984         Rodriquez et al.         340/825.44	OA	ABFF	5999810	12/7/1999		455/422
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OA         AAND         6038443         3/14/2000         Luneau         455/415           OA         AANE         4479124         10/23/1984         Rodriquez et al.         340/825.44		AANC	5265145	11/23/1993		379/88
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Art Group Unit:

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Date Filed:

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Examiner Name:

Not yet assigned

Invention:

METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

Init	Exam	Ref Num	Doc Num	Issue Date	Inventor	Class/
OA         AANH         4382256         5/3/1983         Nagata         340/825.44           OA         AANI         4330780         5/18/1982         Masaki         340/825.44           OA         AANI         5282243         1/25/1994         Dabbashi et al.         379/201           OA         AANK         5761271         6/2/1998         Karnowski         379/1           OA         AANL         5457732         10/10/1995         Goldberg         379/57           OA         AANM         5491739         2/13/1996         Wadin et al.         379/57           OA         AANN         5440559         8/8/1995         Gaskill         370/95.1           OA         AANP         4802209         1/31/1989         Hasegawa         379/217           OA         AANP         4802209         1/31/1989         Davis         455/412           OA         AANR         5070521         12/3/1991         Warner et al.         379/58           OA         AANT         5648990         7/15/1997         Kraul et al.         375/316           OA         AANV         6226665         5/1/2001         Deo et al.         706/106           OA         AANW <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Subclass</td></t<>						Subclass
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CA         AANJ         5282243         1/25/1994         Dabbashi et al.         379/201           ○A         AANK         5761271         6/2/1998         Karnowski         379/1           ○A         AANL         5457732         10/10/1995         Goldberg         379/57           ○A         AANN         5491739         2/13/1996         Wadin et al.         379/57           ○A         AANN         5440559         8/8/1995         Gaskill         370/95.1           ○A         AANP         4802209         1/31/1989         Hasegawa         379/217           ○A         AANQ         5845202         12/1/1998         Davis         455/412           ○A         AANR         5070521         12/3/1991         Warner et al.         379/58           ○A         AANT         5648990         7/15/1997         Kraul et al.         375/316           ○A         AANU         5991383         11/23/1999         Kucmerowski         379/142           ○A         AANV         6226665         5/1/2001         Deo et al.         706/106           ○A         AANW         6009082         12/28/1999         Caswell et al.         370/276           ○A         AANY		AANH	4382256	5/3/1983	Nagata	340/825.44
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OA         AANM         5491739         2/13/1996         Wadin et al.         379/57           OA         AANN         5440559         8/8/1995         Gaskill         370/95.1           OA         AANP         4802209         1/31/1989         Hasegawa         379/217           OA         AANQ         5845202         12/1/1998         Davis         455/412           OA         AANR         5070521         12/3/1991         Warner et al         379/58           OA         AANT         5648990         7/15/1997         Kraul et al.         375/316           OA         AANU         5991383         11/23/1999         Kucmerowski         379/142           OA         AANV         6226665         5/1/2001         Deo et al.         706/106           OA         AANW         6009082         12/28/1999         Caswell et al.         370/276           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANX         3727003         4/10/1973         Paraskevako         178/28           OA         AAPA         5822402         10/13/1998         Marszalek         379/67           OA         AAPB	OA	AANK	5761271	6/2/1998	Karnowski	379/1
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OA         AANP         4802209         1/31/1989         Hasegawa         379/217           OA         AANQ         5845202         12/1/1998         Davis         455/412           OA         AANR         5070521         12/3/1991         Warner et al         379/58           OA         AANT         5648990         7/15/1997         Kraul et al.         375/316           OA         AANU         5991383         11/23/1999         Kucmerowski         379/142           Et al.         AANV         6226665         5/1/2001         Deo et al.         706/106           OA         AANW         6009082         12/28/1999         Caswell et al.         370/276           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANX         3787626         1/22/1974         Paraskevako         178/28           OA         AAPA         5822402         10/13/1998         Marszalek         379/67           OA         AAPB         5796806         8/18/1998         Birckbichler         379/67           OA         AAPC		AANM	5491739	2/13/1996	Wadin et al.	379/57
OA         AANQ         5845202         12/1/1998         Davis         455/412           OA         AANR         5070521         12/3/1991         Warner et al         379/58           OA         AANT         5648990         7/15/1997         Kraul et al.         375/316           OA         AANU         5991383         11/23/1999         Kucmerowski at al.         379/142 et al.           OA         AANV         6226665         5/1/2001         Deo et al.         706/106           OA         AANW         6009082         12/28/1999         Caswell et al.         370/276           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANX         3727003         4/10/1973         Paraskevako s         178/28           OA         AANZ         3812296         5/21/1974         Paraskevako s         179/18           OA         AAPA         5822402         10/13/1998         Marszalek         379/67           OA         AAPB         5796806         8/18/1998         Birckbichler         379/67           OA	OA	AANN	5440559	8/8/1995	Gaskill	370/95.1
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OA         AANT         5648990         7/15/1997         Kraul et al.         375/316           OA         AANU         5991383         11/23/1999         Kucmerowski et al.         379/142 et al.           OA         AANV         6226665         5/1/2001         Deo et al.         706/106           OA         AANW         6009082         12/28/1999         Caswell et al.         370/276           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANX         3727003         4/10/1973         Paraskevako s         178/28           OA         AANZ         3812296         5/21/1974         Paraskevako s         179/18           OA         AAPA         5822402         10/13/1998         Marszalek         379/67           OA         AAPB         5796806         8/18/1998         Birckbichler         379/67           OA         AAPB         5796806         8/18/1998         Silverman         704/260           OA         AAPD         5661788         8/26/1997         Chin         379/142           OA         AAPE         5481595         1/2/1996         Ohashi et al.         379/210           OA		AANQ	5845202	12/1/1998		455/412
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OA         AANW         6009082         12/28/1999         Caswell et al.         370/276           OA         AANX         3787626         1/22/1974         Subieta         179/5.5           OA         AANY         3727003         4/10/1973         Paraskevako s         178/28           OA         AANZ         3812296         5/21/1974         Paraskevako s         179/18           OA         AAPA         5822402         10/13/1998         Marszalek sirckbichler	1 .	AANU	5991383	11/23/1999	Kucmerowski	379/142
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METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

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Oh 5483595 01-1996 Owen 380/271  Oh 5483595 01-1996 Owen 380/271  Oh 5418529 05-1995 De Luigi et al. 340/7.52  Oh 5455579 10-1995 Bennett et al. 341/110  Oh 5394140 2/28/95 Wong et al. 340/825.44  Oh 6757366 6/29/04 Kaufman 379/88.28  Oh 6118994 9/2/2000 Usami et al. 455/412  Oh 5375161 12-1994 Fuller et al. 455/417  Oh 6427064 7/30/2002 Henderson 379/142.08  Oh 6427064 7/30/2002 Henderson 455/31.1  Oh 6205332 3/20/01 Novel 455/426  Oh 5444768 8/22/95 Lemaire et al. 379/68  Oh 5896444 4/20/99 Perfman et al. 379/68  Oh 6233315 5/15/01 Reformato et al. 379/88.22  Oh 6233315 5/15/01 Reformato et al. 379/88.01  Oh 6236971 05-2001 Stefik et al. 705/1  Oh 6565500 08-1997 Cox et al. 379/88.18  Oh 55651702 10/11/996 Davies et al. 379/89  Oh 5566530 19/1997 Clark et al. 379/89  Oh 5561702 10/11/996 Capps et al. 379/89  Oh 55644358 8/6/1996 Capps et al. 395/600						Subclass
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OA         6335962         Ali et al.           OA         6757366         6/29/04         Kaufman         379/88.28           OA         6339639         1/15/2002         Henderson         379/142.08           OA         6118994         9/2/2000         Usami et al.         455/412           OA         633278         5/21/02         Buchanan et al.         455/426           OA         6427064         7/30/2002         Henderson         455/31.1           OA         6427064         7/30/2002         Henderson         455/31.1           OA         6205332         3/20/01         Novel         455/426           OA         5444768         8/22/95         Lemaire et al.         379/68           OA         5896444         4/20/99         Perfman et al.         379/88.22           OA         6724867         4/20/04         Henderson         379/88.22           OA         5678042         10/14/97         Pisello et al.         395/610           OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88.18           OA         56236971         05	QA		5455579	10-1995	Bennett et al.	341/110
CA         6757366         6/29/04         Kaufman         379/88.28           CA         6339639         1/15/2002         Henderson         379/142.08           CA         6118994         9/2/2000         Usami et al.         455/412           CA         5375161         12-1994         Fuller et al.         455/417           CA         6393278         5/21/02         Buchanan et al.         455/426           CA         6427064         7/30/2002         Henderson         455/426           CA         5987100         11/16/99         Fortman et al.         379/88.14           CA         6205332         3/20/01         Novel         455/426           CA         5444768         8/22/95         Lemaire et al.         379/68           CA         6724867         4/20/09         Perfman et al.         379/93.35           CA         6724867         4/20/04         Henderson         379/88.22           CA         5678042         10/14/97         Pisello et al.         395/610           CA         5583920         12/10/96         Wheeler, Jr.         379/88           CA         5236971         05-2001         Stefik et al.         705/1 <td< td=""><td>OA:</td><td></td><td>5394140</td><td>2/28/95</td><td>Wong et al.</td><td>340/825.44</td></td<>	OA:		5394140	2/28/95	Wong et al.	340/825.44
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CA	CAA		6757366	6/29/04	Kaufman	379/88.28
CA	OA.		6339639	1/15/2002	Henderson	379/142.08
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OA         6205332         3/20/01         Novel         455/426           OA         5444768         8/22/95         Lemaire et al.         379/68           OA         5896444         4/20/99         Perlman et al.         379/93.35           OA         6724867         4/20/04         Henderson         379/88.22           OA         5678042         10/14/97         Pisello et al.         395/610           OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88           OA         6236971         05-2001         Stefik et al.         705/1           OA         5655006         08-1997         Cox et al.         379/88.18           OA         6751300         06-2004         Muller         379/89.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         379/57           OA         5544358         8/6/1996         Capps et al.         395/600           OA         5381138         1/10/1995         Stair et al.         340/825.44	O#		6427064	7/30/2002	Henderson	455/31.1
OA         5444768         8/22/95         Lemaire et al.         379/68           OA         5896444         4/20/99         Perlman et al.         379/93.35           OA         6724867         4/20/04         Henderson         379/88.22           OA         5678042         10/14/97         Pisello et al.         395/610           OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88           OA         6236971         05-2001         Stefik et al.         705/1           OA         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/87.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         379/57           OA         5544358         8/6/1996         Capps et al.         395/600           OA         5381138         1/10/1995         Stair et al.         340/825.44	OA		5987100	11/16/99		379/88.14
OA         5896444         4/20/99         Perlman et al.         379/93.35           OA         6724867         4/20/04         Henderson         379/88.22           OA         5678042         10/14/97         Pisello et al.         395/610           OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88           OA         6236971         05-2001         Stefik et al.         705/1           OA         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           DA         5544358         8/6/1996         Capps et al.         395/600           DA         5381138         1/10/1995         Stair et al.         340/825.44	OA		6205332	3/20/01	Novel	455/426
OA         5896444         4/20/99         al.         379/93.35           OA         6724867         4/20/04         Henderson         379/88.22           OA         5678042         10/14/97         Pisello et al.         395/610           OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88           OA         6236971         05-2001         Stefik et al.         705/1           OA         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           DA         5544358         8/6/1996         Capps et al.         395/600           DA         5381138         1/10/1995         Stair et al.         340/825.44	JA		5444768	8/22/95	Lemaire et al.	379/68
OA         5678042         10/14/97         Pisello et al.         395/610           OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88           OA         6236971         05-2001         Stefik et al.         705/1           OA         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           OA         5381138         1/10/1995         Stair et al.         340/825.44	OA		5896444	4/20/99		379/93.35
OA         6233315         5/15/01         Reformato et al.         379/88.01           OA         5583920         12/10/96         Wheeler, Jr.         379/88           OA         6236971         05-2001         Stefik et al.         705/1           OA         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           OA         5381138         1/10/1995         Stair et al.         340/825.44	OF		6724867	4/20/04	Henderson	379/88.22
OP         6233315         5/15/01         al.         379/88.01           OP         5583920         12/10/96         Wheeler, Jr.         379/88           OP         6236971         05-2001         Stefik et al.         705/1           OP         5995596         11-1999         Shaffer et al.         379/88.18           OP         5655006         08-1997         Cox et al.         379/67.1           OP         6751300         06-2004         Muller         379/88.18           OP         5751793         5/12/98         Davies et al.         379/89           OP         5666530         9/9/1997         Clark et al.         395/617           OP         5561702         10/1/1996         Lipp et al.         379/57           OP         5381138         1/10/1995         Stair et al.         340/825.44	OA		5678042	10/14/97	Pisello et al.	395/610
OA         6236971         05-2001         Stefik et al.         705/1           OA         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           OA         5544358         8/6/1996         Capps et al.         395/600           OA         5381138         1/10/1995         Stair et al.         340/825.44	OA		6233315	5/15/01		379/88.01
Off         5995596         11-1999         Shaffer et al.         379/88.18           OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           OA         5544358         8/6/1996         Capps et al.         395/600           OA         5381138         1/10/1995         Stair et al.         340/825.44	Off		5583920	12/10/96	Wheeler, Jr.	379/88
OA         5655006         08-1997         Cox et al.         379/67.1           OA         6751300         06-2004         Muller         379/88.18           OA         5751793         5/12/98         Davies et al.         379/89           OA         5666530         9/9/1997         Clark et al.         395/617           OA         5561702         10/1/1996         Lipp et al.         379/57           OA         5544358         8/6/1996         Capps et al.         395/600           OA         5381138         1/10/1995         Stair et al.         340/825.44			6236971	05-2001		705/1
A       6751300       06-2004       Muller       379/88.18         A       5751793       5/12/98       Davies et al.       379/89         A       5666530       9/9/1997       Clark et al.       395/617         A       5561702       10/1/1996       Lipp et al.       379/57         B       5544358       8/6/1996       Capps et al.       395/600         B       5381138       1/10/1995       Stair et al.       340/825.44			5995596	11-1999	Shaffer et al.	379/88.18
A       6751300       06-2004       Muller       379/88.18         A       5751793       5/12/98       Davies et al.       379/89         B       5666530       9/9/1997       Clark et al.       395/617         B       5561702       10/1/1996       Lipp et al.       379/57         B       5544358       8/6/1996       Capps et al.       395/600         B       5381138       1/10/1995       Stair et al.       340/825.44	OA		5655006	08-1997	Cox et al.	379/67.1
5666530       9/9/1997       Clark et al.       395/617         5561702       10/1/1996       Lipp et al.       379/57         5544358       8/6/1996       Capps et al.       395/600         5381138       1/10/1995       Stair et al.       340/825.44	ΔA		6751300	06-2004		379/88.18
A         5561702         10/1/1996         Lipp et al.         379/57           DA         5544358         8/6/1996         Capps et al.         395/600           DA         5381138         1/10/1995         Stair et al.         340/825.44	ΔA		5751793	5/12/98	Davies et al.	379/89
DA         5544358         8/6/1996         Capps et al.         395/600           0f         5381138         1/10/1995         Stair et al.         340/825.44	OA-		5666530	9/9/1997	Clark et al.	395/617
DA         5544358         8/6/1996         Capps et al.         395/600           0f         5381138         1/10/1995         Stair et al.         340/825.44	DA		5561702	10/1/1996	Lipp et al.	379/57
(27) 5381138 1/10/1995 Stair et al. 340/825.44	FIG		5544358	8/6/1996		395/600
	OA		5381138			
1/// 1 100/4/20   1//// 1990   3//// 3//// 3//// 3////	015		5574725	11/12/1996	Sharma et al.	370/79

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1 /\ A \ 1	5377326	12/27/1994	Kaoru Mura et al.	395/200
Un	5666553	9/9/97	Crozier	715/540
OA:	5276729	1/4/1994	Higuchi et al.	379/58
OA	5487108	1/23/1996	Atkins et al.	379/355
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_09	5930701	7/27/1999	Skog	455/415
OÁ.	5926756	7/20/1999	Piosenka et al.	455/418
OB.	4769764	9/6/1988	Levanon	364/708
QA I	5329427	7/12/1994	Hogdahl	361/730
OAT	5497464	3/5/1996	Yeh	395/200.01
AU	5264992	11/23/1993	Hogdahl	367/681
NA-	5468947	11/21/1995	Danielson et al.	235/472
OA:	5227614	6/2/1992	Danielson	53/540
Q <del>.A</del>	 5666495	9/9/1997	Yeh	395/281
DA-	5644471	7/1/1997	Schultz et al.	361/686
0-A-	5187645	2/16/1993	Spalding et al.	361/393
AA:	5544010	8/6/1996	Schultz et al.	361/686
04- 04-	5689654	11/18/1997	Kikinis et al.	395/281
04A-	5052943	10/1/1991	Davis et al.	439/357
OV.	5633920	5/27/1997	Kikinis et al.	379/130
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17/0	5515303	5/7/1996	Cargin, et al.	364/708.1
OAF	 5712761	1/27/1998	Dials, et al.	361/685
OA:	5625555	4/29/1997	Davis	364/423.098
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ÖÄ		5574481	11/12/1996	Lee	345/168
CA		5590373	12/31/1996	Whitley et al.	395/828
CAA:		5590382	12/31/1996	Kikinis et al.	395/893
O/A		5592566	1/7/1997	Pagallo et al.	382/187
OP:		5675524	10/7/1997	Bernard	364/705.05
OA	1.	5712760	1/27/1998	Coulon et al.	361/680
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OA.		5434929	7/18/1995	Beernink et al.	382/187
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Off		D348654	7/12/1994	Branck et al.	D14/100
OA	,	6128381	10/3/2000	Holmstrom et al.	379/356
OA		5414418	5/9/1995	Andros et al.	340/825.44
OA		425387	3/24/81	Lemelson	
OA		5325419	6/28/94	Connolly	
OA:		5345258	9/6/94	Matsubara *	
017		5495284	2/27/96	Katz	
A		5557320	9/17/96	Krebs	
7/0		5579239	11/26/96	Freeman	<i>i</i>
OA		5760823	6/2/98	Brunson	<i>'</i>
<i>O</i> <del>7\</del> ·		5760824	6/2/98	Hicks, III	
OA.		5794116	8/11/98	Matsuda	
8'A.		5806005	9/8/98	Hull	
0/1		5825048	10/20/98	Arai	
QA		5896165	4/20/99	Rao	
OA		5995666	11/30/99	Nishio	
ΛÔ		6192257	2/20/01	Ray	
OA.		6246430	6/12/01	Peters	
O/A		6377664	4/23/02	Gerszberg	4
88		6564070	5/13/03	Nagamine	
CIO	•	6845398	1/18/05	Galensky	
OVT	1	6990180	1/24/06	Vuori	

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Init	· — —	5404507	0/40/00	• • • • • • • • • • • • • • • • • • • •	Subclass
144		5491507	2/13/96	Umezawa	
07		5719936	2/17/98	Hillenmayer	
<u> </u>		3984625	10/5/76	Camras	
O/A		5793416	8/11/98	Rostoker	
Oth		6011953	1/4/2000	Foldare	
	<u> </u>	6028921	2/22/2000	Malik	
OA.		5841838	11/24/1998	Itoh	
OR		5604492	2/18/1997	Abdul-Halim	
OA		5798708	8/25/1998	Katayama	
0/		5687227	11/11/1997	Cohrs	/
CX		5784001	7/21/1998	Deluca	
UA		5963876	10/5/1999	Manssen	
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CON.		6230003	5/8/2001	Macor	
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OA		5889852	3/30/1999	Rosecrans	
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OA?		5581595	12/3/1996	Iwashita	
01A		6388560	5/14/2002	Parvulescu	
04		6766002	7/20/2004	Cannon	
O-A		6430405	8/6/2002	Jambhekar	
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DA.	,	5912697	6/15/1999	Hashimoto	

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# LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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QA.	ļ	DE	3329267	Feb., 1985		379/58.
OA		DE	3421886	Dec., 1985	,	
OA		EP	0 212 761	Aug., 1986		,
OA	,	EP	301740	Feb., 1989		379/58.
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OA		FR	2358065	Feb., 1978		379/170.
_0A_		GB	2024567	May., 1979		
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MA.		JP.	178730	Sep., 1985	·	
0/4		JP	187141	Sep., 1985		379/57.
OR		JP	186056	Aug., 1986		379/57.
OA		JP	81821	Apr., 1987		379/58.
OA		JP	8706421	Oct., 1987		379/142.
QA-		JP	65748	Mar., 1988		379/142.
OA	,	JP	103526	May., 1988		379/57.
24		JP	46332	Feb., 1989		379/58.
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QA'-		JP	246947	Oct., 1989		379/170.
OA.		JP	13050	Jan., 1990		379/57.
0/7		JP	4225687	Aug., 1992		
DA	AASA	wo		Aug. 8,		H04Q
UN			91/11889	1991		7/00
OA	AASB	wo		June 9,		H04M
			94/13093	1994		11/00
OA	AASC	EP		Feb. 9,		H04Q
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OA	AASH	JP		Sept. 24,		H04M
	<u> </u>		11261673	1999		1/00
CA	AASJ	JP	5327859	Dec. 10,		H04M
u ·				1993		1/65
/ An	AASK	JP	4222145	Aug. 12,		H04M
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OA	AASL	JP	4248742	Sept. 4,		HO4M
011	AASF	<u> </u>		1992		1/65
OA	AASM	JP	49930	Feb. 2,		H04M
011		<u> </u>		2000		1/65
A)	AASO	JP	1243655	Sept. 28,		H04M
411			<u></u>	1989		3/42
OA.	AASP	EP	0588571	Mar. 23,		H04M
UI		1	A3	1994		3/54
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011		ŀ		1994		7/14
MA	AASR	JP	09116619	Feb. 5,		H04M
		ŀ	]	1997	-	1/65
OA	AASS	JP	08097935	Apr. 12,	,	HO4M
$\cup r_1$				1996	·	11/02
6	AAST	FR	2717975 B	Jan. 30,		HQ4M
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$\cup \Lambda$			A2	1992	•	7/04
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OV	AASI			1990	_	3/54
NA	ABGL	EP	0704827	Apr. 3,		G08B
OV			A1	1996		5/22
OA	ABGM	EP	0590500	Nov. 20,		H04M
0 11	]		B1	1996		1/57
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01			A3	1998		
OH	ABGO	wo	0143475	June 14,		H04Q
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OA	ABGQ	wo	97/01252	Jan. 9, 1997		H04Q 7/08
A	ABGR	GB	2296841	July 10, 1996		H04M 1/65
OA	ABGS/ AASD	JP	11-220551	Aug. 10, 1999		H04M 11/00
0 <a.< td=""><td>ABGT/ AASE</td><td>EP</td><td>0898407 A2</td><td>Feb. 24, 1999</td><td></td><td>H04M 3/42</td></a.<>	ABGT/ AASE	EP	0898407 A2	Feb. 24, 1999		H04M 3/42
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OF)		wo	9408421A1	04-1994	Gao	
OA.		wo	90/13213	11-1990	Gloster et al.	
OAL		GB	2256113A	11/25/1992	Nokia	
130		EP	0930593A1	12/19/2001	Sony	
OA		EP	1185068A2	6/3/2002		T
ðΑ		EP	1231762	8/14/2002	Avaya	H04M 1/57

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METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

# LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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0/1			CONSUMERTRONICS, 1993
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	AAFS		A NEW NAME IN PAGERS, CONSUMER
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OA.	AAGV		Monologue User Manual by Media Vision, 1992
100	AAHZ		FCC Auction to Push Paging and Messaging,
M	0010		Telephony, Jul 25, 1994 V227 N4 PG8(1)
100	AAJA		"PCIA 1995 FORECASTS" PDA DEVELOPERS 3.3,
UVV		L	MAY/JUN 1995, PGS 4-5
OA	AAJB		"PCS FREQUENTLY ASKED QUESTIONS" PCIA, 1996
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V			RESTRICTIONS" THE RECORDER, FEB 1, 1996, PG 2
MA	AAJD		PAGER CODES BROCHURE BY REO ENTERPRISES,
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04	AAJE		POCKETALK BROCHURE BY CONXUS, 1998
	AAJF		"PAGER PATTERNS" DEALERSCOPE FIRST OF THE
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OA	AAJG		"1997-A NEW PAGE" CONSUMER ELECTRONICS, JAN 1997, PG 10
OA	AAJH		"WIRELESS WATCH" PDA DEVELOPERS 3.4, JUUAUG 1995, PGS 5-6
OA	AAJI		"PRODUCT ANNOUNCEMENTS" PDA DEVELOPERS 3.2, MAR/APR 1995, PGS 3-4
OA	AAJJ		"WIRELESS WATCH" PDA DEVELOPERS 3.2, MAR/APR 1995, PGS 6-8
OA	AAJK		REVIEWS AND PREVIEWS, PDA DEVELOPERS 3.2, MAR/APR 1995, PGS 9-12
OA	AAJL		"THE SIMON PERSONAL COMMUNICATOR" PDA DEVELOPERS 3.2, MAR/APR 1995, PGS 13-16
OA.	AAJM		"WIRELESS WATCH" PDA DEVELOPERS 2.6, NOV/DEC 1994, PGS 4-5
OA	AAJN		"WIRELESS DATA SERVICES: HERE AND NOW" PDA DEVELOPERS 2.6, NOV/DEC 1994, PG 32-34
OA	AAJO		"6 FIRMS TO UNVEIL HIGH-TECH ALLIANCE" SAN JOSE MERCURY NEWS, FEB 8, 1993, FRONT PAGE
OA	AAJP		WORK READY BROCHURE BY SMITH CORONA, 1997
M	AAJQ		"AT&T'S VISION FOR MOBILE COMPUTING"
DA	AAJR		SKYWORD ADVERTISEMENT BY SKYTEL, 1993
OA	AAJT		"PUTTING EMAIL INTO YOUR POCKET" MOBILE COMPUTING & COMMUNICATIONS, DEC 1998, PG 50
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OA	AAJV		"TWO-WAY PAGERS: THE NEXT PDA?" BYTE, JAN 1996
OF	AAJW		"MULTIMEDIA: SIERRA ANNOUNCES FULLY- CONCURRENT SOUND, DATA, FAX &" CAMBRIDGE WORK-GROUP COMPUTING REPORT, 1995
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	AAJY		"SPEEDYBASE" TELEPHONE PRODUCTS, JUL 3, 1994

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OA.	AALA		CALLER EYEDEE FEATURES, 2001
OA	AALB		CALLER ID AND ANI PRIMER, CTI MAGAZINE, FEB 97, VOL. 2, NO 2, PG 52
OA	AALC		TELCOMP, INC. CALLER ID (ANI) FREQUENTLY ASKED QUESTIONS, 1996
OA	AALD		"MCI TO BUILD LOCAL PHONE NETWORKS" SAN JOSE MERCURY NEWS, JAN 5, 1994
ØA	AALE		"WALLET TERMINAL KEYBOARD WITH ACOUSTIC COUPLER" IBM TECHNICAL DISCLOSURE BULLETIN, AUG 1967, PGS 188-189
OA	AALF		"ELECTRONIC REFERENCE DEVICES ARE ENJOYING GREATER RESPECT IN THE MARKETPLACE" DEALERSCOPE-MERCHANDISING, JUN 1992, PG 120
οA	AALG		ALPHANUMERIC PAGING BROCHURE BY PACTEL PAGING, 1992
CA	AALH		VOICE EXPRESS SERVICE BY PACTEL PAGING, 1992
7/4	AALI		THE CASIO IP800 BROCHURE, 1994
OA.	AALJ		"PHONES, PCS, IS MANAGERS CONVERGE TO BRING MORE SERVICES" INFOWORLD, MAY 17, 1993, PG 4
OA	AALK		METROMEDIA, ALPHA-NUMERIC DISPLAY PAGER - UNDATED
O'A'	AALL		Sony Launches First Personal Communicator Based on General Magic Software Technologies, Announcement Sep 28, 1994
01	AALM		"OFFICE TO GO" PC LAPTOP COMPUTERS MAGAZINE, APR 1993, PGS 28-34
04	AALN		"KEEPING IN CONTACT" PC LAPTOP COMPUTERS MAGAZINE, APR 1993, PGS 36-42
OA	AALO		BUYERS GUIDE, PC LAPTOP COMPUTERS MAGAZINE, APR 1993, PG 61
Off	AALP		"PALMTOPS, PENS & PORTABLES" PC LAPTOP COMPUTERS MAGAZINE, APR 1993, PGS80-81

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OA	AALQ		"LAPTOP OFFICE" PC LAPTOP COMPUTERS MAGAZINE, APR 1993, PGS 84-87
OA	AALR		"COMPUSERVE'S E-MAIL-TO-PAGER COMMUNICATION HELPS USERS GET INFORMATION ANYTIME, ANYWHERE" THE COMPUSERVE INFORMATION SERVICE, MAR 6, 1996
ØA	AALS		EIA/TIA STANDARD - MOBILE STATION - LAND STATION COMPATIBILITY SPECIFICATION, SEP 1989
OA	AALT		QUICK START GUIDE, CD USA, 1997
0/7	AALU		USER MANUAL, PHONEDISK, MAR 1995
92	AĄLV		"SHAREVIEW TRANSFORMS PHONES" INFOWORLD, FEB 1993
OA	AALW		UNIVERSAL REMOTE CONTROLS ADVERTISEMENT BY AIKOTEC CORPORATION, TELECOM SOURCES, OCT 1995, PG 158
CA	AALX		N-1 NUMERIC PAGER BY GSL, TELECOM SOURCES, OCT 1995, PG 265
OA	AALY		"PAGENET'S VOICENOW DUE IN N. CAL., NEV." HFN, APR 14, 1997, PG 168
OA	AALZ		"CALLER ID GOING NATIONAL; SUPPLIERS EYE GOOD YEAR" TWICE CES DAILY, JAN 5/7, 1996
OA	AAMA		TELEDYNAMICS PRODUCT BOOKLETT, PGS 1-2, JAN 3, 1994
OA	AAMB		SKYTEL MESSAGE CENTER - "THIS PAGE LETS YOU SNEAK OUT OF THE OFFICE" - BUSINESS WEEK, SEP 20, 1999, PG 138G
DA.	AAMC		NEC BEACON DATA PAGER ADVERTISEMENT
OA	AAMD		BELLSOUTH INTERACTIVE PAGING ADVERTISEMENT
OA	AAME		DIGITAL PALM PILOT PHONE - PEN COMPÚTING, FEB 1998
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OA	AAMH		"STREAMING TECHNOLOGIES GATHER MOMENTUM IN WIRELESS SPACE" RCR WIRELESS NEWS, FEB 19, 2001
OA	AAMI		PANASONIC GD93 ADVERTISEMENT
OA.	AAMJ		MOTOROLA ACCOMPLI 009 PERSONAL COMMUNICATOR, CELEBRATED LIVING, SPRING 2001
AC	AAMK		TECH-KNOW PDAS, AMERICAN WAY, JAN 15, 2001
<i>30</i>	AAML		SKYTEL MESSAGING PAGERS ADVERTISEMENT
OA	AAMM		TEXAS INSTRUMENTS ORGANIZERS BROCHURES
OA	AAMN		The Leader in Caller ID Technology, Telecom Sources, Oct 1995, PG 191
OA	AAMO		Fast Automatic Name/Number Systems Brochure, Jan 1995
OA	AAMP		FANS CALLSCREENER, TELESECRETARY OWNER'S MANUAL, UNDATED, PP. 1-27, possibly circa September 1994
DA	AAMQ		Fans Callscreener Brochure, CES Show June 1993
0A	AAMR		"US WEST REQUESTS OK FOR PIONEER WIRELESS TESTING," NEWSBYTES NEWS NETWORK, JUL 30, 1991
O.A.	AAMS		AT&T Ships Passageway, Newsbytes News Network, Feb. 5, 1993
0-A	AAMT		Caller ID is Taking to the Road, The Record, Nov. 16, 1993, PG 16
GA	AAMU		On Time Gets Wireless Links, Newsbytes News Network, Feb. 5, 1993
0A-	AAMV		"INTEL USERS NOT GETTING MUCH SATISFAXTION" NEWSBYTES NEWS NETWORK, APR 10, 1991
0%	AAMW		"DIGITAL SERVICE LAUNCHED OVER LUCENT TECHNOLOGIES EQUIPMENT" LUCENT TECHNOLOGIES PRESS RELEASE, JUL 8, 1997
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OA)	AAMY		"PCS '97: NEW WIRELESS PHONE OFFERS ACCESS TO ADVANCED PCS FEATURES" LUCENT TECHNOLOGIES/BELL LABS PRESS RELEASE, SEP 10, 1997
DA	AAMZ		"WIRELESS TALKING CALLER ID" LUCENT TECHNOLOGIES, 2000
OÀ	AAUK		FCC REGISTRAION FOR VERY EARLY CALLER ID PRODUCT, August 1994
OA	AAVA		"LUCENT TECHNOLOGIES INTRODUCES NEW PORTFOLIO OF ENHANCED SERVICES FOR WIRELESS CARRIERS" LUCENT TECHNOLOGIES PRESS RELEASE, FEB 29, 2000
OA	AAVB		"LUCENT TECHNOLOGIES MAKES COMPUTER- TELEPHONY EASY; ANNOUNCES FIRST PC-BASED, MULTI-PHONE SYSTEM WITH NO REWIRING" LUCENT TECHNOLOGIES, MAR 4, 1997
OA.	AAVC		"WIRELESS CALLING NAME" LUCENT TECHNOLOGIES, 2000
OA	AAVD		Contact Managers and PIMS, Computer Dealer News, Mar 23, 1994, PG 50(2)
OA	AAVE		Rochelle Offering Caller ID Applications, Newsbytes News Network, Mar 7, 1994
OA	AAVF		"CALLER ID PRODUCT EXPLOSION COMING" COMPUTER TELEPHONY MAGAZINE, APR 1, 1995, PG 44(2)
OA.	AAVG	ı	PUMA TECHNOLOGY SHIPS INTELLILINK SOFTWARE TO EXTEND THE NEC BEACON DATA PAGER TO PC-BASED APPLICATIONS; PUMA INTELLILINK SOFTWARE MAKES SMART PAGER A POWERFUL PC COMPANION, BUSINESS WIRE, JUN 12, 1998
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OA	AAVK		INTERNAL RESEARCH RESULTS OF FCC APPLICANT QUERY
GA	AAVL		News Release: McCaw Cellular Has Nation's First Wireless Caller ID Service, Feb. 27, 1995
00	AAVM		"INFORMATION TECHNOLOGY: THE WIRED EXECUTIVE SAVINGS TIME AROUND THE CLOCK" FORTUNE, DEC 13, 1993, PG 157
OA	AAVN		WIRELESS MARKET PLAYERS TEAM ON NEW PALMPILOT PAGING DEVICE, Mobile Matters, Dec. 1, 1997
OA	AAVP		Information Technology: Look, Ma! No Wires!, Fortune, Dec. 13, 1993 pg 147
OA	AAVQ		"COMDEX - GALVIN KEYNOTE PITCHES MOTOROLA TECHNOLOGY" NEWSBYTES NEWS NETWORK, MAY 25, 1994
OA	AAVR		"NOVELL INTROS PERFECT WORKS 2.1 FOR WINDOWS" NEWSBYTES NEWS NETWORK, APRIL 4, 1995
OA	AAVS		"SOFTWARE CONVERTS E-MAIL TEXT TO VOICE" NEWSBYTES NEWS NETWORK, MAY 25; 1995
9	AAVT		"WINDOWS 95 "COMING SOON" PROGRAM ISCOMING SOON" NEWSBYTES NEWS NETWORK, JUL 13, 1995
OF	AAVU		"ONTIME SCHEDULER ADDS PHONE INTEGRATION" NEWSBYTES NEWS NETWORK, JUN 6, 1994
OA	AAVV		"CTI: BELL ATLANTIC & OCTUS COLLABORATE TO INTEGRATE COMPUTERS & TELEPHONES" CAMBRIDGE WORK-GROUP COMPUTING REPORT, OCT 24, 1994
LOA	AAVW	İ	"CTI: PHOENIX TELEPHONY SUITE PROVIDES PCS

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DA	AAVX		"SYMANTEC OFFERS FREE TELEPHONY ADD-IN FOR ACT!" NEWSBYTES NEWS NETWORK, MAR 8, 1995
OA	AAVY		"NEW PC: AT&T INTROS THE GLOBALYST 360TPC. FIRST PC WITH TRUE AT&T" CAMBRIDGE WORK-GROUP COMPUTING REPORT" AUG 29, 1994
OA	AAVZ		"WINDOWS 95'S NEW GOODIES" NEWSBYTES NEWS NETWORK, OCT 21, 1994
OF	AAWA		PCS: Technology With Fractured Standards, Electronic Design, Feb. 6, 1995, pg 65
0A	AAWB		"PRIORITY'S "ONE NUMBER SERVICE" FOR PAGING/PHONE/FAX" NEWSBYTES NEWS NETWORK, NOV 23, 1994
OA	AAWC		"A ROUNDUP OF HOT GAMES, GADGETS & GIZMOS FROM THE CONSUMER ELECTRONICS SHOW STAY TUNED" NEWSDAY, JUL 21, 1994, PG B29
OA	AAWD		"CONNECT2VOICE READS YOUR E-MAIL TO YOU" NEWSBYTES NEWS NETWORK, SEP 26, 1995
OA	AAWE		"APPLE'S GEOPORT DEMONSTRATED BY VP AL GORE" NEWSBYTES NEWS NETWORK, MAR 3, 1994
OA	AAWF		"ONLINE TO A REVOLUTION THE AMAZING- AND SOME SAY OMINOUS - NEW WORLD OF TV, TELEPHONE AND COMPUTER IS HEADING YOUR WAY" NEWSDAY, JUL 18, 1993, PG 4
97	AAWG		"NEW FOR PCS: BOARD AND SOFTWARE WORK WITH CALLER ID" NEWSBYTES NEWS NETWORK, MAY 11, 1992
OA	AAWH		"COMDEX: HIGH-END CALLER ID HANDLER ANNOUNCED FOR PC'S" NEWSBYTES NEWS NETWORK, APR 9, 1992
110	AAWI		"SUPRA INTROS NEW V.32 DATA/FAX MODEMS"

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OA	AAWJ		"COMDEX PREVIEW: PCMCIA MODEMS" NEWSBYTES NEWS NETWORK, NOV 13, 1992
OA	AAWK		"COMDEX: SINGLE BOARD PROVIDES FAX/MODEM/ANSWERPHONE" NEWSBYTES NEWS NETWORK, OCT 24, 1991
OA	AAWL		"COMDEX: WINDOWS CALLER ID SYSTEM ANNOUNCED" NEWSBYTES NEWS NETWORK, OCT 25, 1991
OA	AAWM		"MOSCOW: COMPUTER ANSWERING MACHINE" NEWSBYTES NEWS NETWORK, APR 4, 1991
OA	AAWN		"TECHNOLOGY: A PORTABLE OFFICE THAT FITS IN YOUR PALM CELLULAR PHONES, FAXES AND E-MAIL ARE ALL COMING TOGETHER IN A CLEVER BATCH OF HAND-HELD COMPUTERS" TIME, FEB 15, 1993, PG 56
OA	AAWO		WIRELESS MANNERS NEEDED MORE THAN EVER, BUSINESS WIRE, MAY 3, 1999
OA	AAWP / ABBD		BRACE YOURSELF FOR SOME MAJOR ADVANCES, INTERNETWORK, JAN 2, 1997, PG 28(2)
OA	AAWQ		"NORTHERN TELECOM: NORTEL ANNOUNCES TWO NEW DIGITAL WIRELESS HANDSETS WITH FIRST-TO-MARKET FEATURES" PRESSWIRE, AUG 26, 1997
OA	AAWR		"COVER STORY/SMALL WONDERS" NEWSDAY, DEC 1, 1996, PG F08
OF	AAWS		"AT&T OFFERS DIGITAL PCS SERVICE IN 40 MARKETS" REUTERS BUSINESS REPORT, OCT 2, 1996
01	AAWT		FOUR BELLS POSTS STRONG PROFITS ON WAVE OF DEMAND, RUETER'S BUSINESS REPORT, JAN 21, 1997
OA	AAWU		"CALLER ID SERVICE NOW AVAILABLE TO MOST AIRTOUCH CELLULAR CUSTOMERS IN OREGON"

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AAWV    Ericsson: Wins \$17 Million Contract From APC For PCS Phone; First PCS, Cambridge Telecom Report, Aug. 21, 1995   AAWW   AT&T GOES NATIONWIDE WITH PCS, DALLAS MORNING NEWS, OCT. 3, 1996, PG 11   CALLER ID: SKYTEL CONFIRMS APRIL 15 NATIONWIDE LAUNCH OF CALLER ID" CAMBRIDGE TELECOM REPORT, APR 20, 1998   CALLER ID - R.I.P., GUEST EDITORIAL, NEWSBYTES NEW NETWORK, APR. 30, 1993   CALLER ID - R.I.P., GUEST EDITORIAL, NEWSBYTES NEW NETWORK, APR. 30, 1993   "REGULATORS VOTE TO REVIEW CALLER ID" THE RECORD, JAN 23, 1993   "SOUTHWESTERN BELL FIGHTS CALLER ID BAN IN TEXAS" NEWSBYTES NEWS NETWORK, FEB 10, 1993   "CALLER ID ON PHONE HORIZON CONTROVERSIAL SERVICE SHOWS CALL ORIGINATION" WISCONSIN STATE JOURNAL, DEC 3, 1993, PG 7C   AAXC   "CALLER ID SERVICE TO DEBUT NEXT WEEK" ST. LOUIS POST-DISPATCH, JUL 2, 1993, PG 05B   CALLER ID SERVICE IN TROUBLE?" NEWSBYTES NEWS NETWORK, MAR 24, 1992   CALLER ID SPREADING NATIONWIDE" NEWSBYTES NEWS NETWORK, NOV 23, 1992   CALLER ID SPREADING NATIONWIDE" NEWSBYTES NEWS NETWORK, NOV 23, 1992   CALLER ID MOVES AHEAD IN INDIANA" NEWSBYTES NEWS NETWORK, FEB 14, 1992   CALLER ID MOVES AHEAD IN INDIANA" NEWSBYTES NEWS NETWORK, FEB 14, 1992   "AAXH		Num		DUCINESS WIDE MAY 19, 1009
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OA	ABBE		DEFINITION - "ADVENT" FROM MARIAM-WEBSTER'S COLLEGIATE DICTIONARY
OA	ABBF		"SIGNALING SYSTEM NO.7, IS-41 AND CELLULAR TELEPHONY NETWORKING" PROCEEDINGS OF THE IEEE, VOL 80, NO 4, APR 1992
OA	ABBH		Answering Machine With Automatic Obtainment and Usage of Caller ID, Sep. 1997
OA	ABCI/ AAVO		LOOK WHO'S CALLING, WIRELESS REVIEW, FEB. 1, 2000
OA	ABCL		THE VALUE-ADD APPEAL, WIRELESS REVIEW, SEP. 15, 1999
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CA	40011		12/05/01, pp. 1-18
1	ABCU	<b></b>	Apple Mobile Message System, Pg 74, Sep. 1995
DA			OFFICIAL GADGETEER HANDS ON REVIEW: KYOCERA QCP 6035, 2001
OH	ABDC		GOING GLOBAL, HISTORY OF GSM, OCT. 8, 1999
OA	ABDE		GROWING AND GROWING, HISTORY OF GSM, OCT. 8, 1999
0A	ABDF		CALLER ID FACT SHEET, MAR 1997
OA	ABDG		METROCALL, INC. DISCLOSES PLANS TO LAUNCH EXCLUSIVE NEW MESSAGING, MAR 1998
OA	ABDH		SKYTEL SERVICE PRICING AND OPTIONS, JAN 14, 2002
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OA	ABDJ		FULL SIZE QWERTY KEYBOARD FOR SMART PHONE, KYOCERA
OA	ABDL		NEXT MESSAGING AN INTRODUCTION TO SMS, EMS AND MMS, MOBILE STREAMS LTD, www.NextMessaging.com, 1/2/01, 25 pages
OA	ABDW		SKYPAGER ADVERTISEMENT, 2000
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UF		ļ	REVENUES THE STRATEGIS, January 2000
108	ABEA		THE FUTURE OF PAGING (PART 11 - 1998 and
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OA	ABEB		CALLER ID; SKYTEL CONFIRMS, April 15, 1998
OA	ABEC		SUCCESS 4 SMS, MOBIL STREAMS WHITE PAPER, PG. 17, Feb 2001
OA	ABEF		WIRELESS COMMUNICATIONS GLOSSARY, 1997- 2001
OA	ABEG		THE SHORT MESSAGE SERVICE, GSM WORLD, JUNE 2001
OA	ABEH		Chart Entitled The GSM Milestones states, first PCS, 1995
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100	ABEJ/		Integrated Messaging Capability on AT&T Analog
UIT	ABEK		Cellular Phones, Lucent Technologies, 2/1/1995
OA	ABEL		GSM GROWTH AND FORECAST TO DECEMBER 2001
OA	ABEM		SHORT MESSAGE SERVICE CENTER
OA	ABEN		GTE MobilNet's CDMA Trial, Press Release, New
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0A	ABEO		SHORT MESSAGE SERVICE CENTER, LUCENT
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1	DDAI		Wireless Data Over Cellular and PCS, ASI/Price
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''	,		1997
OA	DDAZ	Nelson	The Simon Personal Communicator, PDA Developers
UT			3.1, March/April 1995
INA	DDBB		CDMA Short Message Service Application, Version 1.0
1011			8/22/94
1 ()()	DDCM		Communication Base - Set with LCD Screen, Motorola
	5505		Inc. June 1993
OA	DDCP		CDMA Development Group Completes Specifications for
1-41	550		Data and Short Message Services, Oct. 26, 1994
17/1	DDG W		Messaging Card and Newtonmail: We Pick Up and
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	DDIQ		XIII THE DIGITAL CONTROL CHANNEL (DCCH) IN IS-
M	Doile		136, TELECOMWRITING.COM: DIGITAL WIRELESS
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" '			www.privateline.com/PCS/IS-136CHANNELS.HTM,
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M	DDIV		New Micro-Portable 3770 Cellphone with LCD Display
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ΔΔ	DDJA		GTE MobilNet To Test CSMA Cellular Digital Switching
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AA	DDJB		Southwestern Bell and AT&T to Test TDMA Wireless
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MA	DDJF		Price Cuts: US West Cellular Reduces And Simplies
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1 MA' 1	DDLK		Consumer Electronics Show: IBM Cellular Phone/PC,
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100	DDLQ		Bell Two -Way Paging is World's First, Bell Mobility
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loA	AAGS/		MOBILCOMM VOICE ORGANIZER PAGER
011	AAKH		BROCHURE, 1996
LOPA_	AAGY	<u> </u>	An Introduction to Paging, By Motorola, 1993
I OA	AAGZ		Caller ID Signaling and Data Format, Byte, Jan 1995
OA.	AAHA		Pagers, Dime (Japanese General Magazine), Dec. 15, 1994
	AAHB		Flex: The Mark of Leadership, Motorola, 1995
OA	AAHC		PAGEWRITER BY MOTOROLA, 1996
0/1	AAHD		Motorola Announces Inflexion, Motorola, 1995
DA_	AAHE		NEP COMMUNICATIONS ADVERTISEMENT
OA	AAHF		"KEYNOTE VOICE MEMORY" MOTOROLA, 1996
ΛΔ	AAHG		NEXUS TWO-WAY PAGING BROCHURE,
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	AAHH	-	FONESYNC SOFTWARE ADVERTISEMENT
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1017			AMONG PERIPHERALS" COMPUTER
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OA	AAHV		"PAGING IN RUSSIA" GLOBAL COMMUNICATIONS, MAY-JUN 1994, V16 N3
9A	AAHW		"CASIO, MITSUI & BHARTI TELECOM IN INDIAN PAGER DEAL" COMPUTERGRAM INTERNATIONAL, JUL 12, 1994, I2455
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PO	AAHY		"TAIWANESE COMPANIES SEEK TO EXPAND SHARES OF CHINESE PAGER MARKET." MATSUSHITA WEEKLY, FEB 10, 1994, VI 16
DA	AAGA		"PAGER AUTO-DIAL OPTION" IBM TECHNICAL DISCLOSURE BULLETIN, JAN 1994
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4	AAGN		LET YOUR PC PAGE YOU
LAA'	AAGP		"INSIDE THIS GUIDE" PCWORLD, DEC 1992, PG 237
OA	AAGQ		"MULTITASKING PHONE ORGANIZER" MOBILE COMPUTING & COMMUNICATIONS, DEC 1998, PG 34
ØA	AAGR		MOTOROLA TENOR BROCHURE, 1996
OA	AAGT		MULTI-LINE TELEPHONE MONITOR WITH DIAL LOG BROCHURE BY VOICE DATA SYSTEMS, INC.
SA	AAGW		MOTOROLA PRESS RELEASE: MOTOROLA INTRODUCES FULL-FEATURED 28.8 VOICESURFR, JUN 6, 1996
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OA	AAXT		MEDIACOM™ SOFTWARE THE PERSONAL COMMUNICATIONS CENTER, BELLCORE, UNDATED, PP. 4, possibly circa October 1994
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OA	AAKC		SKYTEL PALMTOP MESSENGER BROCHURE BY SKYTEL CORP., 1995			
AO	AAKD		THE WIZARD OZ-9520FX BROCHURE BY SHARP			
OA	AAKE		THE WIZARD OZ-5500 BROCHURE BY SHARP			
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OA	AAKN		"YO YO ADDS TEXT-TO-SPEECH CALLER ID" NEWSBYTES NEWS NETWORK, SEP 30, 1996			
OW	AAKO		YO YO USER'S GUIDE FOR WINDOWS 95			
OA.	AAKP		LG IPC-1000 BY LG ELECTRONICS, INC. BROCHURE, JAN 1997			
04	AAKQ		KYOCERA QCP 6035 USER'S GUIDE, 2000			
OA	AAKR		"WIRELESS PDA COM" PC MAGAZINE, JUN 27, 2000, PG 98			
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QA	DDQH		Cellular Carriers Issue Specs For Enhanced Data Networks, Wednesday July 21, 1993
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Daniel A. Henderson

Attorney Docket:

3052/117

Serial No:

10/047,191

Art Group Unit:

Not yet assigned

Date Filed:

November 7, 2001

Examiner Name:

Not-yet assigned

Invention:

METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

Exam Init	Ref Num	Author	Description
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	DDJD		"Getting Organized with PIMs,"
IOA			www.smartcomputing.com, January 1993, Vol. 4, Issue
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V <del>  1</del>			http://devcon.sprintpcs.com, 1 page
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Attorney Docket:

3052/117

Serial No:

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Invention:

METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND

**SYSTEM** 

Exam	Ref	Author	Description
Init	Num		"Why Sprint Could Pick Up Speed," Olga Kharif, Business Week Online, http://biz.yahoo.com, March 13,
OA			2002, 3 pages  "Wide hardware and applications support for AT&T Hobbit chips," News Release, <a href="www.att.com">www.att.com</a> , November 16, 1992, 5 pages
OA			eBay Outbid Notice to Daniel Henderson, April 9, 2002, 2 pages
ÓA			Tag-it™ RFID Smart Label Transponder information page, www.rf-id.com, printed May 12, 2004, 1 page
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OA			"CODESOFT™ 6 and RFID Tags, An Overview," Teklynx International Co., September 29, 2000, 7 pages
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Examiner Signature:	Olisa Anwah	
Date Considered:	10-10-2006	
	eference considered, whether or not citation is in our in conformance and not considered. Include co	



Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)

This application relies, under 35 U.S.C. section 120, on the earlier filing date of prior application SN.:08/177,851, filed on 1/5/94, now U.S. Patent No. 6,278,862. That application, and the following child applications, may include technically-related subject matter and/or claims that are similar to this application:

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08/726,024 filed on 10-04-1996 which is Pending claims the benefit of 08/177,851
09/477,167 filed on 01-04-2000 which is Abandoned claims the benefit of 08/177,851
09/632,040 filed on 08-03-2000 which is Abandoned claims the benefit of 08/177,851
09/644,954 filed on 08-23-2000 which is Abandoned claims the benefit of 08/177,851
09/732,142 filed on 12-07-2000 which is Abandoned claims the benefit of 08/177,851
09/736,919 filed on 12-14-2000 which is Abandoned claims the benefit of 08/177,851
09/746,512 filed on 12-22-2000 which is Abandoned claims the benefit of 08/177,851
09/746,517 filed on 12-22-2000 which is Abandoned claims the benefit of 08/177,851
09/773,715 filed on 02-01-2001 which is Abandoned claims the benefit of 08/177,851
09/778,644 filed on 02-07-2001 which is Pending claims the benefit of 08/177,851
09/790,772 filed on 02-22-2001 which is Abandoned claims the benefit of 08/177,851
09/802,062 filed on 03-07-2001 which is Abandoned claims the benefit of 08/177,851
09/880,349 filed on 06-13-2001 which is Abandoned claims the benefit of 08/177,851
09/898,363 filed on 07-03-2001 which is Abandoned claims the benefit of 08/177,851
09/935,239 filed on 08-22-2001 which is Abandoned claims the benefit of 08/177,851
09/935,240 filed on 08-22-2001 which is Abandoned claims the benefit of 08/177,851
09/953,315 filed on 09-12-2001 which is Pending claims the benefit of 08/177,851
10/006,590 filed on 12-05-2001 which is Pending claims the benefit of 08/177,851
10/033,824 filed on 12-19-2001 which is Pending claims the benefit of 08/177,851
10/047,191 filed on 11-07-2001 which is Pending claims the benefit of 08/177,851
10/171,373 filed on 05-01-2002 which is Pending claims the benefit of 08/177,851
10/613,734 filed on 07-03-2003 which is Abandoned claims the benefit of 08/177,851
10/692,179 filed on 10-23-2003 which is Pending claims the benefit of 08/177,851
10/728,440 filed on 12-05-2003 which is Pending claims the benefit of 08/177,851
11/045,677 filed on 01-28-2005 which is Pending claims the benefit of 08/177,851
11/050,370 filed on 02-03-2005 which is Pending claims the benefit of 08/177,851
11/052,560 filed on 02-07-2005 which is Pending claims the benefit of 08/177,851
11/055,846 filed on 02-11-2005 which is Pending claims the benefit of 08/177,851
11/059,121 filed on 02-16-2005 which is Pending claims the benefit of 08/177,851
11/115,445 filed on 04-27-2005 which is Pending claims the benefit of 08/177,851
11/134,669 filed on 05-19-2005 which is Pending claims the benefit of 08/177,851
11/134,670 filed on 05-19-2005 which is Pending claims the benefit of 08/177,851
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The Examiner is requested to review the entire file histories of these applications, including cited references, Office Actions, Responses, etc., and is asked to contact Applicant's Attorney if the Examiner would like the Applicant to supply copies of any or all of the information included in any of these applications. For any of these applications, if Applicant's Attorney is not contacted by the Examiner with such a request, then it will be assumed that the Examiner has reviewed or will review the file content of the application. The identification of the above-identified applications is not a waiver of secrecy for any of the applications.

(Supplemental Information Disclosure Statement-page 61 of 65)

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10-10-6 OA

## Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

NOTE: "A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120." 37 C.F.R. section 1.98(d).

WARNING: "This exception to the requirement for copies of information does not apply to information which was cited in an international application under the Patent Cooperation Treaty." Notice of April 20, 1992 (1138 O.G. 37-41, 38).

WARNING: "Information which is cited or submitted to the Office in the parent application of a file wrapper continuing application under 37 C.F.R. section 1.62 will be part of the file before the examiner and need not be resubmitted in the continuing application. Likewise, the examiner will consider information cited or submitted to the Office in a parent application when examining a continuing application and thus this information need not be resubmitted unless applicant desires the information to be printed on the patent." Notice of April 20, 1992 (1138 0.G. 37-41, 37).

WARNING: While a copy of a non-English language item of information need not be submitted, if it was previously submitted to, or cited by, the Office in a prior application, provided it is properly identified in this statement and this application relies on that earlier filing date under 35 U.S.C. 120, nevertheless, the requirement in section 1.98(a)(3) for a concise explanation of non-English language information would not be satisfied by a statement that a reference was cited in the prosecution of a parent application. The concise explanation must explain the relevance, as presently understood by the person designated in section 1.56(c) most knowledgeable about the content of the information. Notice of January 9, 1992, 1135 0.G. 13-25, at 20.

This application also relies, under 35 U.S.C. section 120, on the earlier filing date of prior application SN.: 08/177,851, filed on 1/5/94.

This application relies, under 35 U.S.C. section 120, on the earlier filing date of prior application SN.: 08/726,024, filed on 10/4/96.

All of the references listed in Section 2 above are being submitted in earlier filed application SN.: 08/726,024 and, therefore, copies of the references are not submitted herewith.

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(Supplemental Information Disclosure Statement-page 62 of 65)

#### Section 6. Copies of Listed Information Items Accompanying This Statement

NOTE: 37 C.F.R section 1.98(a)(2) requires that any information disclosure statement filed under section 1.97 shall include:
"A legible copy of: (1) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included..."

NOTE: The wording in section 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

(complete the following, if applicable)

[X]Exception(s) to above:

U.S. patent citations are not included pursuant to the United State Patent and Trademarks Office's September 21, 2004 waiver of the copy requirement in 37 CFR 1.98 for cited pending U.S. patent citations when the patent citations are available in the USPTO's IFW system.

[X]Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.

[ ]Cumulative patents or publications identified in Section 5.

Olisa Anwah

DA. 10-10-6

#### Section 9. Concise Explanation of English Language Listed Information Items (OPTIONAL)

NOTE: "Applicants may, if they wish, provide a concise explanation of why English-language information is being submitted and how it is understood to be relevant. Concise explanations are helpful to the Office, particularly where documents are lengthy and complex and applicant is aware of a section that is highly relevant to patentability or where a large number of documents are submitted and applicant is aware that one or more are highly relevant to patentability." Notice of April 20, 1992 (1138 O.G. 37-47, 38).

Reference AABU is possibly circa 1996 based on a virtually identical version of the web page obtained from <a href="http://web.archive.org/web/19961221195506/http://www.net-pager.com/">http://web.archive.org/web/19961221195506/http://www.net-pager.com/</a> dated December 21, 1996, a copy of which is included as reference HAAO.

References AADV and AADW are possibly circa 1993-1994 based on information from wikipedia.com indicating that the EO tablet computer was released in April 1993 and the service was shut down on July 29, 1994.

Reference AAMP is possibly circa September 1994 based on the Teledynamics Catalog reference in the grandparent application apparently listing the Fans Telesecretary P161P for sale by September 1994.

Reference AAXT is possibly circa October 1994 based on the following report of Bellcore unveiling MediaCom software for windows: <a href="http://www.allbusiness.com/periodicals/article/458127-1.html">http://www.allbusiness.com/periodicals/article/458127-1.html</a>.

Reference AAIL is possibly circa 1990-1991 based on a comment in the left-most column that Itoh predicts a rebound in results in 1991.

Misa Anwah

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10-10-6



UNITED STATES DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
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LIST OF PRIOR ART CITED

(USE SEVERAL SHEETS IF NECESSARY)

**HEND-0026** 

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APPLICANT BY APPLICANT

DANIEL A. MENDERSON

GROUP ART UN Technology Center 2600
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EXAMINER INITIAL	D	OCUMENT NO.	PUBLICATION DATE	inventor name	CLASS/ SUBCLASS	FILING DATE
UA	AABE	5418835	5/23/95	FROHMAN ET AL	379/57	10/26/92
$O\Lambda$	AANO	6192254	2/20/2001	CARLSEN ET AL	455/552	2/28/1992
OA	AANS	5371781	12/6/94	ARDON	379/59	9/30/93
∩¢\	AAOS	5784444	7/21/98	SNYDER ET AL	379/142	12/1/94
λA	AAPN	5495344	2/27/96	CALLAWAY JR. ET AL	357/407	10/4/93
7X	AAQG	5189632	2/23/1993	PAAJANEN ET AL	364/705.05	7/23/1991
OA	AAQK	4582956	4/15/86	DOUGHTY	179/2	7/12/83
OA	AAQU	5465401	11/7/95	THOMPSON	455/89	12/15/92
AA T	AARL	4197526	4/8/80	LEVINE ET AL	H04M 11/02	10/4/77
λA	AARM	RE 31789	11/1/85	HASHIMOTO	H04M 15/06	12/28/82
PIA	AARN	4551581	11/5/85	DOUGHTY	H04M 11/00	7/12/83
AA I	AARP	5742905	4/21/98	PEPE ET AL	H04Q 7/20	9/19/94
OA	AARR	5559860	9/24/96	MIZIKOVSKY	H04Q 7/20	6/11/92
A	AART	5428663	6/27/95	GRIMES ET AL	H04M 11/00	9/30/93
ŎA'	ABFB	5526411	6/11/96	KRIETER	379/110	3/8/94
ŎA.	ABFC	D350,345	9/6/94	LINDEMAN ET AL	455/90	3/2/92
OA		-1	<u> </u>			J. L.I J.L.
ŎΆ'	ABFE	5615252	3/25/97	SIZER, II ET AL	379/142	1/5/95
7A	ABFE	5422656	6/6/95	ALLARD ET AL	345/173	11/1/93
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OR'	ABFH	5715524	2/3/98	JAMBHEKAR ET AL	455/90	2/6/95
OA I	ABFM	5602908	2/11/97	FAN	379/199	5/18/95
7A	ABFI	5630205	5/13/97	EKELUND	455/54.1	6/14/94
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OA I	ABFQ	5703934	12/30/97	ZICKER ET AL	379/61	6/2/95
OA	AARV	5764747	6/9/98	YUE ET AL	H04M 3/54	6/6/95
00	ABFT	5392342	2/21/95	ROSENTHAL	379/211	10/27/93
	ABFU	5929771	7/27/99	GASKILL	340/825.44	7/26/95
7/8	ABFY	5313515	5/17/94	ALLEN ET AL	379/59	8/24/90
7A'	ABGB	5303291	4/12/94	TAKAGI ET AL	379/433	11/2/92
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AO	ABGE	5625884	4/29/97	GITLIN ET AL	455/54.1	6/8/94
- AO	DDBG	5579375	11/26/96	GINTER	379/59	5/2/95
OA	DDBL	5764731	6/9/98	YABLON	379/88	1/26/95
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OA I	DDNH	5606594	2/25/97	REGISTER ET AL	379/58	1/27/94
34	AARS	5206900 B1	4/27/93	CALLELE	H04M 1/64	5/31/91
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OA	DDVN	5559868	9/24/96	BLONDER "	379/93	
778	DDVO	5745852	4/28/1998	KHAN ET AL	455/433	8/30/93 7/31/1995

FORM TO-1449

LIST OF PRIOR ART CITED

(USE SEVERAL SHEETS IF NECESSARY)

**MEND-0026** 

ATTORNEY DOCKET NO.

APPLICANT

FILING DATE

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By applicant

DANIEL A. HENDERSON GROUP ART UNIT

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EXAMINER INITIAL	D	OCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE		
ŃΑ	ABFJ	4853952	8/1/89	JACHMANN ET AL	379/88	12/3/87		
OA	ABFK	5644629	7/1/97	CHOW	379/142	3/26/93		
Λ̈́A	DDDG	5625884	4/29/97	GITLIN ET AL	455/54.1	6/8/94		
OR.	DDDH	5541976	7/30/96	GHISLER	379/57	6/7/95		
OA	DDDI	4928302	5/22/90	KANEUCHI ET AL	379/88	11/1/88		
00	DDFG	5473316	12/5/95	TAKAYA	340/686	10/20/93		
JA	DDFJ	5197092	3/23/93	BAMBURAK	379/59	10/31/90		
OA	DDFK	5566226	10/15/96	MIZOGUCHI ET AL	379/58	5/26/95		
01	DDFS	4827520	5/2/89	ZEINSTRA	· 381/43	1/16/87		
OA	DDNC	5348347	9/20/94	SHINK	281/31	7/26/93		
OA	DDND	5548477	8/20/96 .	KUMAR ET AL	361/680	1/27/95		
OA T	DDNG	5664013	9/2/97	ROSSI	379/428	6/7/95		
ØÄ	DDNI	5584054	12/10/96	TYNESKI ET AL	455/89D	7/18/94		
77	DDNM	5387904	2/7/95	TAKADA	340/825	2/25/93		
05								
ΔA	DDBR	5473671	12/5/95	PARTRIDGE, III	379/59	3/11/94		
OA.	DDPI	5604491	2/18/97	COONLEY ET AL	340/825	4/24/95		
OA	DDTW	5119397	6/2/92	DAHLIN ET AL	375/5	4/26/90		
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OA	AASA	WO 91/1189 🗸	8/8/91	WORLD INTELLECTUAL	H04Q 7/00	Y		
17/1	AASB	WO 94/13093 ·	6/9/94	WORLD INTELLECTUAL	H04M 11/00	Y		
09	AASJ	JP 5327859 ,	12/10/93	JAPAN	H04M 1/65	Y		
₩.	AASK	JP 4222145 ,	8/12/92	JAPAN	H04M 1/65	Y		
CA	AASO	JP 1243655	9/28/89	JAPAN	H04M 3/42	Y		
OA	AASP	EP0588571A3	3/23/94	EUROPEAN	H04M3/54	Ý		
OPT	AASU	GB2287856B /	3/23/94	UNITED KINGDOM	HO4M 1/85	Y		
OA	ABGP	GB 2279203 /	12/21/94	UNITED KINGDOM	HO4M 1/57	Y		
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SERIAL NO.

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ATTORNEY DOCKET NO. SERIAL NO FORM POO-1449 **HEND-0026** 10/047,191 LIST OF PRIOR ART CITED APPLICANT **BY APPLICANT** DANIEL A. HENDERSON (USE SEVERAL SHEETS IF NECESSARY) FILING DATE 7-Nov-01 2645 DOC. NO. DESCRIPTION INITIAL **AAGU** NEWS, DEC 20, 1993, V11, N48, P3(2) OA MONOLOGUE USER MANUAL BY MEDIA VISION, 1992 AAGV AAHZ "FCC AUCTION TO PUSH PAGING AND MESSAGING" TELEPHONY, JUL 25, 1994, V227 N4 PG8(1)

"SPOKEN CALLER ID TRIAL IN BALTIMORE IS FIRST CELLULAR-BASED TEST OF ITS KIND" MOBILE PHONE **AAJX** SIMON BY BELLSOUTH CELLULAR CORPORATION AND IBM. 1994 AAJZ SKYTEL AND THE SONY MAGIC LINK PAGER CARD, BY SKYTEL CORPORATION, 1994 SONY LAUNCHES FIRST PERSONAL COMMUNICATOR BASED ON GENERAL MAGIC SOFTWARE AALL TECHNOLOGIES" ANNOUNCEMENT, SEP 28, 1994 04 "THE LEADER IN CALLER ID TECHNOLOGY" TELECOM SOURCES, OCT 1995, PG 191 AAMN RECEIVE FAST AUTOMATIC NAME/NUMBER SYSTEMS BROCHURE, JAN 1995 AAMO AAMP FANS CALLSCREENER, TELESECRETARY OWNER'S MANUAL MAR 0 1 2004 AAMQ FANS CALLSCREENERS BROCHURE, JUNE 1993 CES SHOW "AT & T SHIPS PASSAGEWAY," NEWSBYTES NEWS NETWORK, JUN 18, 1993 AAMS CALLER ID IS TAKING TO THE ROAD - THE RECORD, NOV 16, 1993, PG 16 AAMT rechnology Center 2500 "ON TIME GETS WIRELESS LINKS" NEWSBYTES NEWS NETWORK, FEB 5, 1993 AAMU "CONTACT MANAGERS AND PIMS" COMPUTER DEALER NEWS, MAR 23, 1994, PG 50(2) AAVD AAVE "ROCHELLE OFFERING CALLER ID APPLICATIONS" NEWSBYTES NEWS NETWORK, MAR 7, 1994 AAVI THE FUTURE IS NOW - INTERVIEW W/ AT&T CONSUMER PROD DIV PRES CARL LEDBETTER **AAVL** NEWS RELEASE: MCCAW CELLULAR HAS NATION'S FIRST WIRELESS CALLER I.D. SERVICE, FEB 27, 1995 AAVP INFORMATION TECHNOLOGY: LOOK, MA! NO WIRES! - FORTUNE, DEC 13, 1993, PG 147 AAWA PCS: TECHNOLOGY WITH FRACTURED STANDARDS - ELECTRONIC DESIGN, FEB 6, 1995, PG 65 AAWN TECHNOLOGY: A PORTABLE OFFICE THAT FITS IN YOUR PALM CELLULAR PHONES... TIME, FEB 15, 1993, PG 58 "ERICSSON: WINS \$17 MILLION CONTRACT FROM APC FOR PCS PHONES; FIRST PCS" CAMBRIDGE **AAWV** TELECOM REPORT, AUG 21, 1995 "INVASIONS OF PRIVACY" ST. LOUIS POST-DISPATCH, JUL 14, 1993, PG 06B  $\Delta l^2$ **AAXF** US WEST PAGING ADDRESSES TRAVELERS' NEEDS - WEEKLY HOME FURNISHINGS NEWS, JUL 26, 1993, **AAXJ** PG 69 AAXL NEWTON'S TELECOM DICTIONARY, PG 143 61 ABAC SYSTEMS AND TECHNOLOGY COMPANY HEADQUARTERS... - PRESS RELEASE, NOV 20, 1995 Ŋ٢ ABAD PRESS RELEASE: INTEGRATED MESSAGING CAPABILITY ... - FEB 1, 1995 PRESS RELEASE: AT&T DEMONSTRATES PCS SPECTRUM CDMA AT WIRELESS '95 TRADE SHOW, FEB 1, **ABAF** 1995 "GTE MOBILNET USING AT&T GEAR FOR CDMA MARKET TRIAL IN TEXAS" PRESS RELEASE, JAN 30, 1995 ABAO ABAT NARROWBAND PCS NATIONWIDE AUCTION WINNERS, AUG 17, 1994 ABAU PUBLIC NOTICE: HIGH BIDDERS IN AUCTION OF REGIONAL NARROWBAND LICENSES, NOV 9, 1994 ABBA CDMA: CDMA DEVELOPMENT GROUP CREATED, CAMBRIDGE TELECOM REPORT, AUG 15, 1994 "HOW PERSONAL DIGITAL ASSISTANTS (PDAS) WORK" ABCU APPLE MOBILE MESSAGE SYSTEM, PG 74, SEP 1995 ABDL NEXT MESSAGING ABEH CHART ENTITLED "THE GSM MILESTONES" STATES, FIRST PCS. 1995 CHART ENTITLED " THE GSM MILESTONES". 1994 "INTEGRATED MESSAGING CAPABILITY ON AT&T ANALOG CELLULAR PHONES" 1995 ABEK ABEN PRESS RELEASE "GTE MOBILNET'S CDWA TRIAL ... NEW TECHNOLOGY , 1994  $d\mathcal{L}$ ABFG "INTELLIGENT PHONE" IBM TECHNICAL DISCLOSURE BULLETIN, FEB. 1981

ATTORNEY DOCKEY NO. SERIAL NO PTO-1449 **HEND-0026** 10/047,191 LIST OF PRIOR ART CITED APPLICANT BY APPLICANT DANIEL A. HENDERSON (USE SEVERAL SHEETS IF NECESSARY) ILING DATE GROUP ART UNIT 7-Nov-01 2645 EXAMINER DOC. NO. DESCRIPTION INITIAL WIRELESS DATA OVER CELLULAR AND PCS, THE RESULT WAS CELLULAR DIGITAL PACKET DATA WHICH DDAI **BEGAN TO BE DEPLOYED IN 1993** DDAZ THE TRUTH IS THAT SIMON IS A BREAKTHROUGH PRODUCT...PDA DEVELOPERS 3.1, MARCH/APRIL 1995 **DDBB** CDMA SHORT MESSAGE SERVICE APPLICATION, VERSION 1.0, 8/22/94 **DDCM** COMMUNICATION BASE - SET WITH LCD SCREEN; MOTOROLA INC. JUNE 1993 CDMA DEVELOPMENT GROUP COMPLETES SPECIFICATIONS FOR DATA AND SHORT MESSAGE DDCP SERVICES, OCT. 26, 1994 NEWTON NOTES, MESSAGING CARD AND NEWTONMAIL: WE PICK UP AND DELIVER, 1993 DDGW DDIL WIRELESS CALLER ID, MESSAGE WAITING NOW IN WASHINGTON STATE, OCT 23, 1995 DDIP CALLING NUMBER IDENTIFICATION SERVICES STATE 1 DESCRIPTION, APRIL 5, 1994 DDIQ XIII THE DIGITAL CONTROL CHANNEL(DCCH) IN IS - 136 DDIV NEW MICRO-PORTABLE 3770 CELLPHONE WITH LCD DISPLAY FROM AT&T, NOVEMBER 7, 1994 DDJA GTE MOBILNET TO TEST CDMA CELLULAR DIGITAL SWITCHING IN AUSTIN, 1995 DDJB SOUTHWESTERN BELL AND AT&T TO TEST TDMA WIRELESS SYSTEM, MARCH 1, 1994 PRICE CUTS: U S WEST CELLULAR REDUCES AND SIMPLIFIES RATES, 07.04.94 **DDJF** DDJG US WEST CELL PHONE - PC LINK, 1993 JUL. 1 **DDLF** NEW CDMA ASYNC DATA/MESSAGE SPEC, 10/31/94 DDLK CONSUMER ELECTRONICS SHOW: IBM CELLULAR PHONE/PC, JAN 1993 BELL TWO - WAY PAGING IS 'WORLD'S FIRST.' ( BELL MOBILITY SERVICE FROM BELL MOBILE DDLO COMMUNICATIONS INC) 04/16/1994 DDLS TCA SHOW: NEW PRODUCTS AND VOICE MAIL INTEGRATION, 9/24/1992; PEN COMPUTING MAGAZINE, AUGUST 1994, VOL. 1, NO. 1, PP. 15-22, 34-35 GW COMPUTERWORLD, DECEMBER 21, 1992, P. 8, "WINDOWS LINK TO PAGERS AIDS LAN GY TROUBLESHOOTERS" **AAGY** "AN INTRODUCTION TO PAGING" BY MOTOROLA, 1993 **AAGZ** "CALLER ID SIGNALING AND DATA FORMAT" BYTE, JAN 1995 AAHA "PAGERS" DIME (JAPANESE GENERAL MAGAZINE), DEC 15, 1994 200 AAHB "FLEX: THE MARK OF LEADERSHIP" MOTOROLA, 1995 AAHD "MOTOROLA ANNOUNCES INFLEXION..." MOTOROLA, 1995 <u> Technology Center 2</u>600 AAHR "LETTING YOUR PC PICK UP THE PHONE" POPULAR SCIENCE, MAR 1994, PG 50 **AAGC** "PAGER AUTO-DIAL OPTION" IBM TECHNICAL DISCLOSURE BULLETIN, JAN 1994 **MXAA** NUMBERS, JUNE 4, 1990 **AAXS** ISDN NEWS, AMERITECH AND MOTOROLA BRING ISDN TO HOME PROFESSIONALS, JANUARY 17, 1995 AAXT BELLCORE, MEDIACOM SOFTWARE, THE ISDN PERSONAL COMMUNICAITONS COMMAND CENTER **AAKT** CALLER ID-TO-DTMF CONVERSION, 1995 AAIL FACSIMILE PUBLISHING SERVICE USING RADIO SIGNALS PLANNED EADS PROTOTYPE AND DESIGN. SEPTEMBER - OCTOBER 1992LE NEWTON GPS DDQH CELLULAR CARRIERS ISSUE SPECS FOR ENHANCED DATA NETWORKS, WEDNESDAY JULY 21, 1993 DDOP ATARI PORTFOLIO, FIRST PALMTOP 1989 DDPW WINDOWS CE COMPUTERS, MARCH 1993, PULSAR WAS A SECOND ATTEMPT AT&T EO, AVAILABLE SINCE APRIL 1993, JULY 30, 1993 **DDCG** POPULAR SCIENCE, YOUR PERSONAL DIGITAL ASSISTANT, SEPTEMBER 1992 METHOD FOR ASSIGNING MESSAGE NUMBERS AND SORTING NUMERIC CANNED MESSAGES, MARCH 013 **DDCN** OP DDIC TIMELINE, NEWTOWN CONNECTION, PC CONNECTION, SEPT. 1993 ()DDIT COMPUTERS WITHOUT KEYS, POPULAR SCIENCE, AUGUST 1990

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AO	DDFZ	APPLECARE ARCHIVE: DOCUMENT, SOME ACCESSORIES ARE ONLY AVAILABLE WITH THE NEWTON 2.0 OS.
OA	DDDA	GOOGLE COM, FIRM UNVEILS 1ST PERSONAL COMMUNICATOR, NOVEMBER 4, 1992
OA	DDDB	GOOGLE.COM, DEVELOPERS LINE UP TO DO PDA HOOKUPS, 06/08/92
OA	AAGD	"PEN-BASED AUTOMATED INTERPERSONAL COMMUNICATION SYSTEM" IBM TECHNICAL DISCLOSURE BULLETIN, MAR 1995
OK	IL	NICOLLET DIGITRAP DTS-2040 PRODUCT BROCHURE, 1994

Date Considered: 10-10-6 Examiner: Oling Anwah

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INITIAL		ocument No.	PUBLICATION DATE	inventor name	CLASS/ SUBCLASS	FILING DATE
OA	AAAS	5502761	3/26/1996	DUNCAN ET AL	379/142	3/24/1994
QA_	AAAT	5467385	11/14/1995	REUBEN ET AL	379/67	1/27/1995
94	AAAU	5289528	2/22/1994	UENO ET AL	379/67	2/18/1991
O/A	AAAV	5448627	9/5/1995	UENO ET AL	379/67	2/18/1991
_ <i>Q</i> A	AAAW	5579377	11/26/1996	ROGERS	379/74	11/18/199
OA:	AAAX	5483580	1/9/1996	BRANDMAN ET AL	379/88	3/19/1993
_&\A	AAAY	5392452	2/21/1995	DAVIS	455/38.1	11/27/1992
08	AAAZ	5317621	5/31/1994	SHIBAYAMA	379/57	12/20/1990
Off	AABA	5402466	3/28/1995	DELAHANTY	379/44	1020/92
0/3	AABB	5517557	5/14/1996	TANAKA	379/67	4/4/1990
BO	AABC	5412719	5/2/1995	HAMAMOTO ET AL	380/9	1/17/1992
QA	AABD	5404400	4/4/1995	HAMILTON	379/386	3/1/1993
OH.	AABE	5418835		FROHMAN ET AL	379/57	10/26/1992
DA .	AABF	5524140		KLAUSNER ET AL	379/67	3/31/1992
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7A	AABI	5506891		BROWN		1/18/1994
DA	AABJ	5473667		NEUSTEIN	379/97	6/6/1993
37	AABK	5349636		IRRABARREN	379/57	1/25/1993
OA I	AABL	5530740		IRRIBARREN ET AL	379/89	10/28/199
OF	AABM	5475738	12/12/1995		379/89	10/28/199
OA'	AABN	5469491		MORLEY, JR ET AL	379/67	10/21/1993
3A	AABO	5454029		NODA	379/88	9/29/1988
OA I	AABP	5315642		FERNANDEZ	379/88	9/24/1992
JA	AABQ	5533095		KIKUCHI	379/52	<u>5/16/1992</u>
OA	AABR	5548814		LORANG ET AL	379/57	10/21/1992
OA 1	AACM	5315636			<u>455/38.1</u>	<b>2/25/1991</b>
OÀ I	AACN	5329578		PATEL BRENNAN ET AL	379/58	6/28/1991
OA I	AACO	5311570			379/67	5/26/1992
BA I	AACP			GRIMES ET AL	379/57	5/10/1991
OA	AACQ	<u>5548636</u>		BANNISTER ET AL	379/201	6/11/1993
OA?	AACR	5307399		DAI ET AL	379/57	3/6/1992
OR'	AACS	5559859		DAI ET AL	379/51	3/10/1995
TAG	AACT	5384831		CRESWELL ET AL	379/67	6/26/1992
DA	AACU	<u>5535257</u>		GOLDBERG ET AL	379/57	<i>2/7/</i> 1994
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1000	AACW	5134645		BERKEN ET AL	379/58	6/30/1989
OA	AACX	<u>5581594</u>		MCAFEE	379/57	9/13/1993
<del>- 320</del> -1	AACY	5428823		NESS-COHN ET AL	455/54.2	5/4/1992
32	AACZ	<u>5581803</u>		GRUBE ET AL	455/54.1	4/21/1984
ØA I	AADA	5448632		IYOB ET AL	379/201	10/27/1993
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<del>186</del>	AADC	5388150		SCHNEYER ET AL	379/67	7/28/1992
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Col:	AACR	5559859	e/24/e3	Dai et al.	379/51	3/10/95
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C.L.	AACV	5134845	7/28/92	Bertien et al.	379/38	8/30/89
CL	AACW	5581594	12/3/98	McAfes	379/57	8)13/83
C.L.	AACX	5428823	6/27/95	Ness-Cohn et al.	455/54.2	5/4/82
ad	AACY	5581803	12/3/98	Gruba et al.	4 <del>55/5</del> 4.1	4/21/94
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<u>C.L.</u>	AADC	5508053	4/18/23	Goods et al.	379/83	2114/24
C.K.	AADD	5426426	6/20/05	Hymal	340/825.44	8/16/83 <sub>.</sub>
c.L	AADE	5459458	10/17/95	Richardson et al.	340/825.52	7/8/93
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C-cl.	AADG	5459773	10/17/85	Hwang	379/57	5/20/93
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